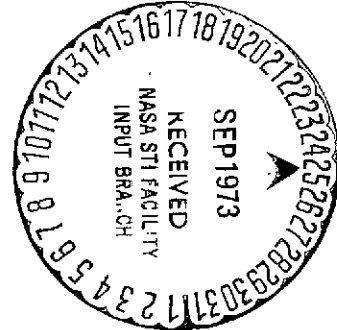# NASIS DATA BASE MANAGEMENT SYSTEM - IBM 360 TSS IMPLEMENTATION

## VI - NASIS MESSAGE FILE

NEOTERICS, INC.

prepared for

SEP 1973
RECEIVED
NASA STI FACILITY
INPUT BRA. CH

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA Lewis Research Center

Contract NAS 3-14979

N O T I C E

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AS MUCH INFORMATION AS POSSIBLE.

NASIS MESSAGE FILE

The NASIS message file, member of LISRMLF of NASISLIB(C), contains all the message and term explanations for the system. The data contained on this file can be broken down into three separate sections; global terms, local terms, and system messages. A global term pertains to all the dataplexes available to NASIS, a local term pertains to only the dataplex associated with that term, and the system messages are the diagnostic and informative messages associated with the various NASIS modules.

The abbreviations MSG, EXP, and RSP are used to represent MESSAGE, EXPLANATION, and RESPONSE, respectively.

I.   GLOBAL TERMS

     $DEBUG

             THE  $DEBUG  COMMAND  INSTRUCTS  THE  SYSTEM  TO
             ALLCW TSS DEBUGGING STATEMENTS.
               SYNTAX= $DEBUG

     APOFF

             THE  APOFF COMMAND  CONTINUALLY RAISES  THE  END
             CONDITION UNTIL NASIS OPERATION IS TERMINATED.
               SYNTAX= APOFF

     ASRDI

             1.  THE  AEROSPACE  SAFETY  RESEARCH  AND   DATA
             INSTITUTE.
             2.  THE FILE  WHICH  IS  A  COLLECTION OF  ASRDI
             CITATIONS.

     CANCEL

             THE   CANCEL  CCMMAND  IS  USED  TO  DELETE  ALL
             PSEUDO-SETS  AND  PRINTS ON  PSEUDO-SETS,  OR TO
             DELETE NORMALLY QUEUED PRINTS.
               SYNTAX= CANCEL <RANGE='SEARCH'|'*ALL'|BSN>

     COLUMNAR

             A FCRMAT SPECIFYING FIELD NAMES WHOSE VALUES ARE
             TO  BE OUTPUT IN TABULAR COLUMNS.  THERE ARE  AS
             MANY AS 25 COLUMNAR FORMATS  CURRENT AT ANY TIME
             (F1-F25).  THEY  ARE USER-DEFINED BY  THE FORMAT
             COMMAND OR BY USING THE NAMES OF STORED COLUMNAR
             FORMATS    IN    DISPLAY    OR    PRINT   RETRIEVAL

COMMANDS.
COLUMNAR FORMATS ARE EITHER FOR SCREEN WIDTH
OUTPUT OR PRINTER WIDTH (132) OUTPUT BUT MAY BE
USED INTERCHANGEABLY. THEY MAY OPTIONALLY
SPECIFY PAGE NUMBERING AND/OR REPORT TITLE
LINES.
THE COLUMN POSITIONS MAY EITHER BY SPECIFIED
EXPLICITLY OR THE FORMAT COMMAND WILL
AUTCMATICALLY EQUALIZE THE COLUMN WIDTHS ACROSS
THE OUTPUT WIDTH. EACH COLUMN MAY OPTIONALLY
HAVE A REPORT HEADER (ONE OR MORE LINES) AND/OR
SUMMARIZATICN AT THE END OF THE OUTPUT REPORT
CONSISTING OF THE TALLY, SUM AND/OR AVERAGE OF
THE VALUES.

COMMAND

THIS TERM IS USED TO DESCRIBE THE MANNER IN
WHICH THE NASIS SYSTEM FUNCTICNS ARE INVOKED BY
THE USER. A COMMAND CONSISTS OF A 1-8 CHARACTER
WORD WHICH DESCRIBES THE FUNCTION TO BE
PERFORMED. TO OBTAIN A COMPLETE LIST OF THE
AVAILABLE COMMANDS, ENTER 'EXPLAIN
NASIS.COMMANDS'.

COMMANDS

ENTER - EXPLAIN NASIS.COMMANDS - FOR A LIST OF
ALL COMMANDS, OR
ENTER - EXPLAIN NASIS.******.COMMANDS - WHERE
****** =
CORRECT, EDIT, FORMAT, IMMEDIATE, JOIN,
MAINTENANCE, MTT, NASIS, OR RETRIEVAL.

CORRECT

THE CORRECT COMMAND CREATES TRANSACTION RECORDS
TO BE EXECUTED DURING MAINTENANCE. IT DOES NOT
DO ACTUAL UPDATING.
  SYNTAX=                                    CORRECT
<FIELD=NAME><,KEY=KEY><,VERIFY=MODE>
CORRECT ALSO RECOGNIZES THE FOLLOWING
SUBCOMMANDS:
  ADD, CANCEL, CORRECT, DELETE, DISPLAY, END,
FIELDS, INSERT, REPLACE, VERIFY
THE SUBCOMMAND EXPLANATIONS ARE AVAILABLE BY
ENTERING 'EXPLAIN CCRRECT.ADD', ETC.

CORRECT.ADD

THE ADD SUBCOMMAND ALLOWS THE USER TO ADD A NEW
RECCRD TO A FILE, SPECIFYING FIELD NAMES AND
THEIR VALUES. THE NEW KEY VALUE IS ENTERED WITH

ITS KEY FIELD NAME. MULTIPLE ELEMENT FIELDS ARE
ENTERED AS A PARENTHESIZED LIST. DATA CAN BE
ADDED TO A NULL FIELD OR NEW ELEMENTS CAN BE
ADDED TO A FIELD.
```
   SYNTAX=                                    ADD
FIELD=DATA<,FIELD=(DATA,DATA,...)><,...>
```

CORRECT.CANCEL

THE CANCEL SUBCOMMAND NULLIFIES ALL CORRECTIONS
SINCE THE LAST 'CORRECT' OR 'INSERT'
SUBCOMMAND.
```
   SYNTAX= CANCEL
```

CORRECT.CORRECT

THE CORRECT SUBCOMMAND ALLOWS THE USER TO
SPECIFY A NEW RECORD AND/OR FIELD. IT ALSO
PROVIDES ACCESSING ANCHOR RECORDS SEQUENTIALLY
(FORWARD OR BACKWARD) FROM A GIVEN POINT.
```
   SYNTAX= CORRECT <FIELD=NAME><,KEY=KEY>
```

CORRECT.DELETE

THE DELETE SUBCOMMAND ALLOWS THE USER TO DELETE
FROM A RECORD AN ELEMENT, A RANGE OF ELEMENTS, A
FIELD, OR THE ENTIRE RECORD.
```
   SYNTAX= DELETE <ELEMENT='RECORD'|E#<,E#,...>>
```

CORRECT.DISPLAY

THE DISPLAY SUBCOMMAND ALLOWS THE USER TO
DISPLAY AN ENTIRE FIELD IN SECTIONS (FORWARD OR
BACKWARD) WHEN ALL OF THE DATA CAN NOT BE SHOWN
ON ONE SCREEN, OR BY ELEMENT NUMBER.
```
   SYNTAX= DISPLAY <DIRECTION='B'|E#>
```

CORRECT.END

THE END SUBCOMMAND ALLOWS THE USER TO TERMINATE
'CORRECT' PROCESSING AND RETURN TO NASIS COMMAND
MODE.
```
   SYNTAX= END
```

CORRECT.FIELDS

THE FIELDS SUBCOMMAND ALLOWS THE USER TO
DISPLAY ALL THE FIELD NAMES ASSOCIATED WITH THIS
DATA BASE.
```
   SYNTAX= FIELDS
```

CORRECT.INSERT

THE INSERT SUBCOMMAND ALLOWS THE USER TO SPECIFY
NEW SUBFILE FIELDS FOR ADDING NEW SUBFILE
RECORDS.
  SYNTAX=                                    INSERT
FIELD=DATA<,FIELD=(DATA,DATA,...),...>

CORRECT.REPLACE

THE REPLACE SUBCOMMAND ALLOWS THE USER TO CHANGE
DATA IN A FIELD, BY VALUE.
  SYNTAX=                                    REPLACE
START=E#,END=E#,OLDDATA=VALUE<,NEWDATA=VALUE>

CORRECT.VERIFY

THE VERIFY SUBCOMMAND ALLOWS THE USER  TO CHANGE
THE    VERIFICATION    MODE    FOR   A    TYPEWRITER
TERMINAL.
  SYNTAX= VERIFY <MODE='YES'|'NO'>

DATETIME

THE DATETIME  COMMAND DISPLAYS  THE CURRENT DATE
AND TIME.
  SYNTAX= DATETIME

DBLIST01

BOOLEAN  LIST  FUNCTION  ATTEMPTED  BUT  THE
OPERATION (SECOND ARGUMENT) IS INVALID.  IT MUST
BE '|' OR '&' OR '-'.

DBLIST02

BOOLEAN  LIST  FUNCTION  ATTEMPTED  BUT THE  TWO
ARGUMENT LISTS ARE INCOMPATIBLE  BECAUSE THEY DO
NOT BOTH  CROSS-REFERENCE  THE  SAME  KEY  FIELD
NAME.

DBLIST04

GET LIST  KEY SET STATEMENT ATTEMPTED  BUT INPUT
LIST IS NULL.

DBLIST05

GET LIST KEY SET STATEMENT  ATTEMPTED BUT NO GET
LIST  KEY STATEMENT HAS  BEEN  DONE TO DETERMINE
THE CURRENT KEY.

DBLIST06

GET LIST KEY SET STATEMENT ATTEMPTED TO CONTINUE

AN OUTPUT LIST THAT IS INCOMPATIBLE WITH THE
INPUT LIST BECAUSE THEY DO NOT BOTH
CROSS-REFERENCE THE SAME KEY FIELD NAME.

DBLIST07

GET LIST KEY SET STATEMENT ATTEMPTED TO CONTINUE
THE OUTPUT LIST WITH A KEY VALUE LESS THAN THE
HIGHEST (LAST) KEY VALUE PREVIOUSLY POSTED. FOR
SUCH AN INSERTION, THE MORE GENERAL (AND LESS
EFFICIENT) BOOLEAN OR FUNCTION MUST BE USED.

DBLIST08

GET LIST KEY INTO STATEMENT COMPLETED BUT THE
KEY VALUE WAS TRUNCATED TO THE MAXIMUM LENGTH OF
THE TARGET STRING VARIABLE.

DBLIST09

SET LIST LIKE LIST STATEMENT ATTEMPTED BUT THE
SIZE VALUE IS NEGATIVE OR ZERO.

DBLIST10

PUT LIST INTERNAL KEY STATEMENT ATTEMPTED BUT
THE TARGET LIST POINTER HAS NOT BEEN SET (BY A
SET LIST LIKE LIST STATEMENT).

DBLIST11

PUT LIST INTERNAL KEY STATEMENT ATTEMPTED BUT
THE KEY VALUE LENGTH DOES NOT EQUAL THE LIST KEY
SIZE.

DBLIST12

PUT LIST INTERNAL KEY STATEMENT ATTEMPTED TO
CONTINUE THE OUTPUT LIST WITH A KEY VALUE LESS
THAN THE HIGHEST (LAST) KEY VALUE PREVIOUSLY
POSTED. FOR SUCH AN INSERTION, THE MORE GENERAL
(AND LESS EFFICIENT) BOOLEAN OR FUNCTION MUST BE
USED.

DBPAC001

ILLEGAL ATTEMPT TO IMPLY OPEN.

DBPAC003

TRIED TO IMPLY AN OPEN ON A NEW FILE-NAME
WITHOUT THE USE OF AN OPEN COMMAND.

DBPAC020

>TRYING TC OPEN A FILE WHEN THE HEADER DESCRIPTCR'S DESCOK SWITCH IS OFF.

DBPAC021

>TRYING TO CPEN FCR CUTPUT OR UPDATE AND THE FILE IS NOT THE ANCHOR OR AN ASSOCIATE OR A DESCRIPTOR FILE.

DBPAC022

>END-OF-LIST (READ LIST STATEMENT).

DBPAC023

>NUMBER OF FILES EXCEEDS THE NUMBER ALLOWED IN THE MFCB FILE ARRAY.

DBPAC025

>THE USER IS NOT THE OWNER OF THE FILE, BUT HE IS ATTEMPTING AN OPEN FOR UPDATE OR OUTPUT.

DBPAC026

>ATTEMPTED OPEN OF THE FILE FOR INPUT, THE DATA SWITCH INDICATES NO DATA.

DBPAC027

>OPEN ATTEMETED BUT ITS FUNCTION WAS NOT INPUT, OUTPUT, OR UPDATE.

DBPAC028

>OPEN ISSUED FOR UPDATE OR OUTPUT WAS PROHIBITED BY THE MNTNING, MNTNABLE, OR THE DATA SWITCH.

DBPAC030

>OPERATICN CCDE ERROR.

DBPAC031

>KEY FIELD FAILED GENERAL VALIDATION (READ KEY OR LOCATE).

DBPAC032

>KEY FIELD FAILED SPECIFIC VALIDATION (READ KEY OR LOCATE).

DBPAC034

> ERASE ATTEMPTED ON CLOSE BUT THE FILE IS NOT OPEN FOR UPDATE.

DBPAC035

> ERASE ATTEMPTED ON DESCRIPTOR FILE OTHER THAN THE ANCHOR.

DBPAC036

> THE GET FIELD OPERATION ATTEMPTED BUT THE LAST RECORD OPERATION WAS A LOCATE.

DBPAC038

> THE GET FIELD OPERATION ATTEMPTED BUT THERE IS NO CURRENT RECORD.

DBPAC039

> GET RECORD OPERATION ATTEMPTED BUT THE USER IS NOT THE OWNER.

DBPAC040

> GET LIST ATTEMPTED, BUT FILE IS NOT INVERTED INDEX.

DBPAC041

> KEY IS NULL (READ KEY OR LOCATE).

DBPAC042

> KEY SEQUENCE ERROR (LOCATE SEQUENTIAL).

DBPAC043

> DUPLICATE KEY ERROR (LOCATE DIRECT).

DBPAC044

> NOT AN OUTPUT FILE FOR WRITE.

DBPAC046

> NO CURRENT RECORD (PUT OR REPUT).

DBPAC047

> CURRENT RECORD NOT LOCKED (PUT OR REPUT).

DBPAC049

PUT OR REPUT TC INPUT FILE.

DBPAC050

REPUT TO NCN-UPDATE FILE.

DBPAC051

REPUT FCLLOWING LCCATE.

DBPAC052

GET OPERATION (FIELD IS NOT IN DESCRIPTOR TABLE).

DBPAC053

FIELD FAILED GENERAL VALIDATION (PUT OR REPUT).

DBPAC054

FIELD FAILED SPECIAL VALIDATION (PUT OR REPUT).

DBPAC055

NULL VALUE TO BE PUT.

DBPAC056

BIT FIELD TCO LCNG (PUT OR REPUT).

DBPAC057

PUT TO NON-NULL BIT SWITCH.

DBPAC058

PUT TO NCN-NULL FIXED LENGTH FIELD.

DBPAC059

PUT TO NON-NULL VARIABLE LENGTH (SINGLE ELEMENT) FIELD.

. DBPAC061

FIELD WOULD MAKE RECORD TOO LONG (PUT).

DBPAC062

FIELD WOULD MAKE RECORD TOO LONG (REPUT).

DBPAC063

ELEMENT WCULD MAKE RECORD TOO LONG (PUT).

DBPAC064

ELEMENT WOULD MAKE RECORD TOO LONG (REPUT).

DBPAC065

ELEMENT FIELD TCO LONG (PUT OR REPUT).

DBPAC066

TOO MANY (VARIABLE) ELEMENTS (PUT).

DBPAC067

NO GET BEFCRE REPUT (VARIABLE ELEMENTS).

DBPAC068

NO GOOD GET BEFORE REPUT (VARIABLE ELEMENTS).

DBPAC069

UNDEFINED FIELD (PUT OR REPUT).

DBPAC070

REPUT TO NEVER PUT (NULL) FIELD (RECORD NOT FOUND).

DBPAC071

TOO MANY (FIXED) ELEMENTS (PUT).

DBPAC072

(FIXED) ELEMENT WOULD MAKE RECORD TOO LONG (PUT).

DBPAC073

NO GET BEFCRE REPUT (FIXED ELEMENTS).

DBPAC074

NO GOOD GET BEFORE REPUT (FIXED ELEMENTS).

DBPAC075

FIELD TOO LCNG (PUT OR REPUT).

DBPAC076

KEY WOULD MAKE  CRCSS REFERENCE  RECCRD TOO LONG
(PUT OR REPUT).

DBPAC077

CROSS REFFRENCE NOT FOUND ON RECORD.

DBPAC078

TARGET FIELD 'ACTUAL'  LENGTH CHECKING INDICATES
TRUNCATICN.

DBPAC079

RETRIEVAL  SYSTEM TRYING TO  OPEN  SOMEONE ELSES
STATIC  CR   TRNSCT DATAPLEX  FOR  UPDATE   OR
OUTPUT.

DBPAC080

RETRIEVAL SYSTEM OPENING  A DATAPLEX (OTHER THAN
STATIC OR TRNSCT) FOR EITHER OUTPUT OR UPDATE.

DBPAC083

GET KEY INCCMPATIBLE WITH LIST.

DBPAC084

GET KEY SEQUENCE ERROR.

DBPAC085

FIELD LENGTH  LESS  THAN  2  FOUND.  DATA  BASE
DAMAGE.

DBPAC086

FIELD  LENGTH  BEYOND  RECLEN FOUND.  DATA  BASE
DAMAGE.

DBPAC087

FIELD LENGTH  NOT EQUAL TO  2 PLUS A MULTIPLE OF
ELEMENT LENGTH FOUND.  DATA BASE DAMAGE.

DBPAC088

ELEMENT  LENGTH LESS  THAN 1 FOUND.  DATA  BASE

DAMAGE.

DBPAC089

ELEMENT LENGTH BEYOND FIELD LENGTH FOUNC.   DATA
BASE DAMAGE.

DBPAC090

INVALID DE2 HEADER DESCRIPTOR.   DB1 DESCRIPTOR
OR DAMAGE.

DBPAC091

FIELD   DESCRIPTOR   RECLEN   LESS   THAN   78.
DESCRIPTOR DAMAGE.

DBPAC092

FIELD   LENGTH   LESS   THAN   2   IN   DESCRIPTOR.
DESCRIPTOR DAMAGE.

DBPAC093

FIELD   LENGTH   BEYOND   RECLEN   IN   DESCRIPTOR.
DESCRIPTOR DAMAGE.

DBPAC094

VALIDARG   LONGER   THAN   50   BYTES   WOULD   BE
TRUNCATED.   DESCRIPTOR DAMAGE.

DBPAC095

SECURITY FIELD LENGTH INVALID.   SHOULD BE 2 PLUS
A MULTIPLE OF 8.

DBPAC096

NO DESCRIPTOR FOUND   FOR KEY   FIELD.  DESCRIPTOR
DAMAGE.

DBPAC097

INVALID   FIELD   LENGTH IN   INDEX   RECORD   FOUND.
DATA BASE DAMAGE.

DBPAC098

RECCRD   MISSING FROM INDEX   REGION.   DATA   BASE
DAMAGE.

DBPAC099

END OF DATA. (VISAM)

DBPAC104

KEYS EQUAL - SEQUENCE ERROR. (VISAM + 100)

DBPAC108

KEY NOT FOUND. (VISAM + 100)

DBPAC112

KEYS OUT OF SEQUENCE. (VISAM + 100)

DBPAC115

KEYS DO NCT COINCIDE. (VISAM + 100)

DBPAC120

KEYS COINCIDE. (VISAM + 100)

DBPAC124

INVALID RETRIEVAL ADDRESS. (VISAM + 100)

DBPAC128

INVALID RECORD LENGTH. (VISAM + 100)

DBPAC131

POSITION PAST END OF DATA SET. (VISAM + 100)

DBPAC136

POSITION BEFORE START OF DATA SET. (VISAM + 100)

DBPAC140

EXCEED MAXIMUM NUMBER OF OVERFLOW PAGES. (VISAM + 100)

DBPAC144

EXCEED MAXIMUM SIZE OF SHARED DATA SET. (VISAM + 100)

DBPAC145

NO DATASET NAME FOUND WHICH IS LIKE THE GIVEN ONE. (VISAM)

DBPAC200

    ATTEMPT TO PUT OR REPUT NULL PATTERN.

DBPAC201

    ATTEMPT TO PUT OR REPUT TC READONLY FIELD.

DBPAC202

    UNDEFINED SUBFILE OR INDEXED FIELD (READ, LOCATE, OR UNLOCK).

DBPAC203

    NOT AN INDEXED FIELD.

DBPAC204

    NOT A SUBFILE <CONTROL> FIELD.

DBPAC205

    LOCATE TO INPUT FILE.

DBPAC206

    NO CURRENT ANCHOR RECORD (LOCATE SUBFILE).

DBPAC207

    ANCHOR RECORD NOT LOCKED (LOCATE SUBFILE).

DBPAC208

    NO CURRENT SUBRECORD (READ PER SUBFILE).

DBPAC209

    ANCHOR RECORD NOT CURRENT (DELETE SUBRECORD).

DBPAC210

    THE FILE IS NOT OPEN (TO POST FLDTAB).

DBPAC211

    DESCRIPTOR DAMAGE DETECTED WHILE POSTING FLDTAB.

DBPAC212

    ANCHOR RECORD NOT LOCKED (DELETE SUBRECORD).

DBPAC213

    ANCHOR RECORD NOT PARENT OF SUBRECORD (DELETE
SUBRECORD).

DBPAC214

    SUBRECORD ID NCT FOUND IN CONTROL FIELD (DELETE
SUBRECORD).

DBPAC215

    DUPLICATE FIXED LENGTH ELEMENT (PUT OR REPUT).

DBPAC216

    DUPLICATE VARYING LENGTH ELEMENT (PUT OR
REPUT).

DBPAC217

    LOCATE SUBFILE NCT DONE BECAUSE 131071 REGIONS
USED.

DBPAC218

    NAMEFLD FIELD LENGTH INVALID. SHOULD BE 2 PLUS A
MULTIPLE OF 9.

DBPAC219

    GET SUPERFIELD REQUIRES CURRENT SUBFILE
RECORD.

DBPAC220

    RSECTYCD FIELD LENGTH INVALID. SHOULD BE 2 PLUS
A MULTIPLE OF 9.

DBPAC221

    NON-OWNER ATTEMPTED TO OPEN ASSOCIATE HAVING
RECORD LEVEL SECURITY.

DEFAULT

    THE DEFAULT COMMAND IS USED TO DEFINE OR MODIFY
DEFAULT VALUES FOR SYMBOLIC KEYWORD PARAMETERS
REFERENCED BY NASIS COMMANDS.
    SYNTAX= DEFAULT KEYWORD=VALUE<,...>

DEFAULTS

THE DEFAULTS COMMAND DISPLAYS A LIST OF SPECIFIED DEFAULTS, OR ALL OF THE CURRENT DEFAULTS.
  SYNTAX= DEFAULTS <KEYWORD,...>

## DISPLAY

THE DISPLAY COMMAND DISPLAYS ONE SCREEN IMAGE OF ONE OF THE FOLLOWING TYPES:
1. A DATA RECORD ACCORDING TO A FORMAT.
2. A SET OF KEYS ACCORDING TO A FORMAT.
3. A SPECIFIC FIELD OF A DATA RECORD.
THE 'PAGE' COMMAND MAY BE USED TO DISPLAY MORE SCREENS, FORWARD OR BACKWARD.
  SYNTAX=                          DISPLAY
SET=SET#|KEYVALUE<,FORMAT=FMT#|FMTNAME>
<,ITEM=ITEM#><,TYPE='1'|'2'|'3'>

## EDIT.COMMANDS

ENTER - EXPLAIN NASIS.EDIT.COMMANDS - OR,
ENTER - EXPLAIN NASIS.EDIT.SYNTAX

## END

THE END COMMAND INSTRUCTS THE SYSTEM TO TERMINATE THE CURRENT COMMAND.
  SYNTAX= END

## EXECUTE

THE EXECUTE COMMAND IS USED TO EXECUTE ALL SEARCH REQUESTS, AND TRANSFORM PSEUDO-SETS INTO REAL SETS.
  SYNTAX= EXECUTE

## EXPAND

THE EXPAND COMMAND DISPLAYS AN ALPHABETICAL SEQUENCE OF CROSS REFERENCE (INDEX) ENTRIES IN THE VICINITY OF THE TERM ENTERED BY THE USER. THE 'PAGE' COMMAND MAY BE USED TO DISPLAY MORE ENTRIES, FORWARD OR BACKWARD.
  SYNTAX= EXPAND TERM=VALUE,FIELD=NAME

## EXPLAIN

THE EXPLAIN COMMAND MAKES NASIS SELF DOCUMENTING. IT ALLOWS THE USER TO QUERY NASIS FOR THE EXPLANATION OF (1) A RELATIVE MESSAGE NUMBER, (2) A PARTICULAR TERM, (3) THE VALID RESPONSES TO A PROMPT, AND (4) THE ORIGIN OF A RELATIVE MESSAGE NUMBER. THE EXPLAIN SYNTAX IS,

RESPECTIVELY:
EXPLAIN NUMBER
EXPLAIN TERM
EXPLAIN RESPONSE,NUMBER
EXPLAIN ORIGIN,NUMBER
WHERE "NUMBER" IS A MESSAGE NUMBER RELATIVE TO
THE CURRENT MESSAGE (WHICH IS ZERO(0), THE
RELATIVE MESSAGE NUMBER OF THE PRECEEDING
MESSAGE IS -1, AND SO ON).

FIELDS

THE FIELDS COMMAND DISPLAYS A STRUCTURED LIST
OF THE NAMES OF THE DATA FIELDS PRESENT ON THE
CURRENT FILE. INDEXED FIELDS ARE FLAGGED WITH
AN ASTERISK.
SYNTAX= FIELDS

FILE

A LOGICAL COLLECTION OF RECORDS OF SIMILAR
FORMAT RELATING TO A SIMILAR TOPIC OR FROM A
SIMILAR SOURCE.

FORMAT

THE FORMAT COMMAND IS USED TO ESTABLISH A
CURRENT FORMAT TO BE FURTHER PROCESSED BY THE
FORMAT SUBCOMMANDS.
SYNTAX=                                    FORMAT
FNUMBER=<#><F>NN<(<SP>,<NP>)><,FLDSPEC=SPECS>
FORMAT RECOGNIZES THE FOLLOWING SUBCOMMANDS:
DISPLAY, END, FIELD, FIELDS, FORMAT, FORMATS,
HEADER, NAME, STORE, TITLE
THE SUBCOMMAND EXPLANATIONS ARE AVAILABLE BY
ENTERING 'EXPLAIN FORMAT.DISPLAY', ETC.

FORMAT.COMMANDS

ENTER - EXPLAIN NASIS.FORMAT.COMMANDS - OR,
ENTER - EXPLAIN NASIS.FORMAT.SYNTAX

FORMAT.DISPLAY

THE DISPLAY SUBCOMMAND IS USED TO DISPLAY THE
CURRENT FORMAT.
SYNTAX= DISPLAY

FORMAT.END

THE END SUBCOMMAND TERMINATES PROCESSING OF THE
CURRENT FORMAT, AND RETURNS THE USER TO THE
RETRIEVAL SYSTEM.

SYNTAX= END

FORMAT.FIELD

THE FIELD SUBCOMMAND ADDS, DELETES, REPLACES, OR
REVISES THE FIELD SPECIFICATIONS OF THE CURRENT
FORMAT.
 SYNTAX =
   FOR ADDITION:
     FIELD FLDSPEC=FLDNAME<(<COL#>,<TSA>)>
   FOR DELETION:
     FIELD FLDSPEC='FLDNAME'
   FOR REPLACEMENT:
     FIELD
FLDSPEC='FLDNAME=FLDNAME<(<COL#>,<TSA>)>'

FORMAT.FIELDS

THE FIELDS SUBCOMMAND DISPLAYS THE FIELDS OF THE
CURRENT DATA BASE WITHOUT ENDING THE CURRENT
FORMAT.
  SYNTAX= FIELDS

FORMAT.FORMAT

THE FORMAT SUBCOMMAND ALLOWS THE USER TO START A
NEW FORMAT; IT IS EFFECTIVELY THE SAME AS:
END;FORMAT
  SYNTAX=                                    FORMAT
FNUMBER<#><F>NN<(<SP>,<NP>)><,FLDSPEC=SPECS>

FORMAT.FORMATS

THE FORMATS SUBCOMMAND DISPLAYS FORMAT NAMES
WITHOUT ENDING THE CURRENT FORMAT.
  SYNTAX= FORMATS

FORMAT.HEADER

THE HEADER SUBCOMMAND SPECIFIED NEW OR REVISED
COLUMN HEADINGS FOR COLUMNAR FORMATS.
  SYNTAX=                                    HEADER
<HDRLINE=<#>NN<D>><,HDRSPEC=<TEXT><(FLDNAME)>>

FORMAT.NAME

THE NAME SUBCOMMAND ASSIGNS A NAME TO THE
CURRENT FORMAT BY WHICH IT MAY SUBSEQUENTLY BE
REFERENCED.
  SYNTAX= NAME FMTNAME=NAME

FORMAT.STORE

THE STORE SUBCOMMAND STORES THE CURRENT FORMAT
FOR FUTURE USE. IT MAY ALSO ASSIGN A NAME.
   SYNTAX= STORE <FMTNAME=NAME>

FORMAT.TITLE

THE TITLE SUBCOMMAND SPECIFIES NEW OR REVISED
TITLE LINES FOR COLUMNAR FORMATS.
   SYNTAX=                                    TITLE
<TTILINE=<#>NN<D>><,TTLSPEC=TEXT>

FORMATS

THE FORMATS COMMAND DISPLAYS ALL THE AVAILABLE
FORMATS. PREDEFINED FORMATS WILL BE FLAGGED
WITH AN ASTERISK.
   SYNTAX= FORMATS

GENERATE

THE GENERATE COMMAND ALLOWS THE MODIFICATION OF
LISTS OF GENERIC KEYS TO CORRESPOND TO HIGHER OR
LOWER GENERIC KEY LEVELS.
   SYNTAX= GENERATE FIELD=NAME,SET=SET#

GEOSRCH

THE GEOSRCH COMMAND RETURNS THE NUMBER OF IMAGES
WHICH ACTUALLY COVER THE PARTICULAR LATITUDE AND
LONGITUDE OF INTEREST.
   SYNTAX= GEOSRCH SET#,LATITUDE,LONGITUDE

GFIELDS

THE GFIELDS COMMAND DISPLAYS THE NAMES OF
VARIOUS KEY FIELD LEVELS OF GENERIC DATA
BASES.
   SYNTAX= GFIELDS

GO

THE GO COMMAND INSTRUCTS THE SYSTEM TO RESUME
PROCESSING FROM THE POINT OF INTERRUPTION.
   SYNTAX= GC

GRIDSRCH

THE GRIDSRCH COMMAND IDENTIFIES THE ONE DEGREE
GRIDBLOCK CONTAINING THE LATITUDE AND LONGITUDE
OF INTEREST. IT THEN RETURNS THE NUMBER OF
IMAGES THAT INTERCEPT THAT GRIDBLOCK IN ANY WAY.
IT DOES NOT GUARANTEE THAT THE IMAGES IDENTIFIED
ACTUALLY COVER THE POINT, BUT ONLY THAT THEY

SHARE A COMMON GRIDBLOCK.
SYNTAX= GRIDSRCH SET#,LATITUDE,LONGITUDE

HELP

THE HELP COMMAND SENDS THE MESSAGE ENTERED BY
THE USER TO THE MTT OPERATOR.
SYNTAX= HELP <TEXT>

IMMEDIATE.COMMANDS

ENTER - EXPLAIN NASIS.IMMEDIATE.COMMANDS - OR,
ENTER - EXPLAIN NASIS.IMMEDIATE.SYNTAX

INDEX

REFERS TO THE CROSS INDEX FILES WHICH ARE
MAINTAINED ON CERTAIN FIELDS OF NASIS FILES TO
FACILITATE INFORMATION RETRIEVAL.

JOIN.COMMANDS

ENTER - EXPLAIN NASIS.JOIN.COMMANDS - OR,
ENTER - EXPLAIN NASIS.JOIN.SYNTAX

KA

THE KA COMMAND INSTRUCTS THE SYSTEM TO BEGIN
USING THE FULL EBCDIC CHARACTER SET WHEN READING
FROM OR WRITING TO THE TERMINAL.
SYNTAX= KA

KB

THE KB COMMAND INSTRUCTS THE SYSTEM TO BEGIN
USING THE FOLDED EBCDIC CHARACTER SET; I.E.,
AUTOMATICALLY TRANSLATING LOWER CASE ALPHABETICS
TO UPPER CASE.
SYNTAX= KB

KEY

THE TERM WHICH REFERENCES THE FIELD WHICH
UNIQUELY IDENTIFIES EACH RECORD WITHIN A FILE.

MAINTENANCE.COMMANDS

ENTER - EXPLAIN NASIS.MAINTENANCE.COMMANDS -
OR,
ENTER - EXPLAIN NASIS.MAINTENANCE.SYNTAX

MESSAGE

THE MESSAGE COMMAND SENDS THE MESSAGE ENTERED BY
THE USER TO THE NASISID SPECIFIED. THE ID
'OPERATOR' MAY BE USED TO SEND THE MESSAGE TO
THE MTT OPERATOR.
   SYNTAX= MESSAGE <NASISID><,TEXT>

MTT.COMMANDS

   ENTER - EXPLAIN NASIS.MTT.COMMANDS - OR,
   ENTER - EXPLAIN NASIS.MTT.SYNTAX

NASIS.COMMANDS

   ENTER - EXPLAIN NASIS.NASIS.COMMANDS - OR,
   ENTER - EXPLAIN NASIS.NASIS.SYNTAX

NUSERS

   THE NUSERS COMMAND DISPLAYS THE NUMBER OF ACTIVE
   NASIS USERS.
      SYNTAX= NUSERS

PAGE

   THE PAGE COMMAND IS USED TO DISPLAY ADDITIONAL
   "PAGES" OF DATA WHEN THE USER'S REQUEST
   GENERATES MCRE THAN ONE SCREEN OF INFORMATION.
      SYNTAX= PAGE

PREDEFINED

   A SEQUENTIAL FORMAT - QUOTED DEFINED H
   ****** =
   CORRECT, EDIT, FORMAT, IMMEDIATE, JOIN,
   MAINTENANCE, MTT, NASIS, OR RETRIEVAL.

USERS

   THE USERS COMMAND DISPLAYS THE NASISIDS OF ALL
   THE ACTIVE NASIS USERS.
      SYNTAX= USERS

WAIT

   THIS COMMAND IS NOT YET SUPPORTED.

II.   LOCAL TERMS(ASRDI   )

ABSTRACT

A BRIEF SUMMARY OF EACH REPORT INDICATING PROBLEMS, SOLUTIONS, APPROACHES, RESULTS AND CONCLUSICNS.

ABSTSRCE

THE SOURCE WHICH PREPARED THE ABSTRACT.

AUTHOR

THE SOURCE OF AN ASRDI REPORT, EITHER RESEACHER OR PREPARER.

FILE

A COLLECTION OF ASRDI CITATIONS. THE EIGHT CHARACTER KEY OF THIS FILE IS CALLED 'ACCESSNO' (ACCESSICN NUMBER). THE FIRST TWO CHARACTERS ARE THE YEAR TEE CITATION WAS LOADED, THE THIRD IS THE TYPE OF CITATICN: 'C' FOR CRYOGENIC DATA, 'F' FOR FIRE DATA. THE LAST FIVE CHARACTERS ARE A UNIQUE NUMBER ASSIGNED TO THE CITATION. FOR A LIST OF ASRDI TERMS ENTER: EXPLAIN 'ASRDI.TERMS'.

KEYWORDS

THE INVERTED FIELD WHICH CONTAINS ALL THE UNIQUE TERMS FOUND IN THE LINKTERM, MAJRTERM, MINRTERM, MAJRIDEN AND MINRIDEN FIELDS.

TERMS

THE ASRDI TERMS FOR WHICH EXPLANATIONS ARE AVAILABLE ARE:
"INVERTED FIELDS"...AUTHOR, KEYWORDS,
"OTHER FIELDS"......ABSTRACT, ABSTSRCE,
ACCESLVL, CATEGORY, CHEMSYMB, CLASTITL,
COMMENTS, CCNTRACT, CORPSRCE, COUNTRY,
DOCSECUR, DOCSRCE, DOCTYPE, DOWNGRAD,
ENTRYEVL, FIGURCNT, FREEWORD, FUNDSRCE,
HARDCOPY, INDEXER, INDXDATE, LINKTERM,
MAJRIDEN, MAJRTERM, MICROFSH, MINRIDEN,
MINRTERM, NEWIDEN, PAGECNT, PUBLISHR,
REFRNCNT, REPORTNO, REPRTCLS, SHELFNO,
SUPLEMNT, TABLECNT, TEMPNO, TITLE,
TTLSECUR, USEEVL.

III. LOCAL TERM(NASIS   )

COMMANDS

```
                        THE NASIS COMMANDS ARE:
                        -------> MTT COMMANDS:
                        DATETIME   HELP        MESSAGE   NUSERS     USERS
                        WAIT
                        -------> IMMEDIATE COMMANDS:
                        $DEBUG      APOFF      DEFAULT   END EXPLAIN   GO
                        KA          KB         PAGE PROFILE  PROMPT  SYNONYM
                        SYNONYMS  STRATEGY
                        -------> NASIS COMMANDS:
                        JOIN        MAINTAIN   REPORT    RERUN      RESTART
                        RETRIEVE  SECURE
                        -------> RETRIEVAL COMMANDS:
                        CANCEL      CORRECT    DISPLAY   EXECUTE    EXPAND
                        FIELDS      FORMAT     FORMATS   GENERATE   GFIELDS
                        PRINT       RETRIEVE SEARCH   SELECT    SETS
                        -------> FORMAT COMMANDS:
                        DISPLAY     END        FIELD     FIELDS     FORMAT
                        FORMATS HEADER     NAME      STORE     TITLES
                        -------> CORRECT COMMANDS:
                        ADD         CANCEL     CORRECT   DELETE     DISPLAY
                        END FIELDS   INSERT     REPLACE   VERIFY
                        -------> JOIN COMMANDS:
                        ADD         CHANGE     DELETE    DISPLAY    JOIN
                        QUIT
                        -------> MAINTENANCE COMMANDS:
                        ACCUM       COMBINE CORRECT   EDIT      INVERT LOAD
                        PRINT       UPDATE
                        -------> EDIT COMMANDS:
                        ADD         ADDLIKE    CHANGE    CHKPOINT CREATSUB
                        DELETE      DISPLAY    FIELDS    FILE      FLDSEC MOVE
                        PATCH       PRINT      RECSEC    RENAME    RESTORE
                        REVIEW    SAVSTRT    SUPERFLD
                        FOR THE SYNTAX OF THE INDIVIDUAL COMMANDS, ENTER
                        'EXPLAIN NASIS.SYNTAX'.
```

CORRECT.COMMANDS

```
            ADD         CANCEL     CORRECT   DELETE     DISPLAY
            END FIELDS   INSERT     REPLACE   VERIFY
```

CORRECT.SYNTAX

```
            ADD        FIELD=DATA<,FIELD=(DATA,DATA,...),...>
            CANCEL
            CORRECT    <FIELD=NAME><,KEY=VALUE>
            DELETE     <ELEMENT='RECORD'|E#S<,...>>
            DISPLAY    <DIRECTON='B'|E#>
            END
            FIELDS
            INSERT     FIELD=DATA<,FIELD=(DATA,DATA,...),...>
            REPLACE
```

```
            START=E#,END=E#,OLDDATA=VALUE<,NEWDATA=VALUE>
```

```
            VERIFY    <MODE='YES'|'NO'>

EDIT.COMMANDS

    ADD       ADDLIKE   CHANGE    CHKPOINT  CREATSUB
    DELETE    DISPLAY   FIELDS    FILE      FLDSEC    MOVE
    PATCH     PRINT     RECSEC    RENAME    RESTORE
    REVIEW    SAVSTRT   SUPERFLD

EDIT.SYNTAX

    ADD       FLDNAME=FIELD-NAME,
              TYPE=(FLDTYPE=FIELD-TYPE
                    <,ALIGN=RIGHT|LEFT>),
              FORM=(FLDFORM=FIELD-FORMAT,
                    FLDLEN=FIELD-LENGTH,
                    ELEMLEN=ELEMENT-LENGTH,
                    ELEMLIM=ELEMENT-NUMBER
                    <,UNIQUE=<Y|N>>),
              ROUTINES=(CONV=CONVERSION-ROUTINE,
                    FORMAT=FORMATTING-ROUTINE,
                    VALID=VALIDATION-ROUTINE,
                    VALIDARG=VALIDATION-ARGUMENT),
              INDEXED=(INDEX=<Y|N>,
                    IFLDNAME=FIELD-NAME
                    <,EXTINT=<INTERNAL|EXTERNAL>,
                    EXTLEN=EXTERNAL-LENGTH,
                    SPANNED=<Y|N>>),
              ASSOCED=(ASSOC=<Y|N>,
                    AFLDNAME=FIELD-NAME),
              SUBFILED=(SUBFILE=<Y|N>,
                    SFLDNAME=FIELD-NAME),
              SUBFIELD=(BASEFLD=FIELD-NAME,
                    OFFSET=OFFSET
                    <,<FILE=<*FILENAME|'ANCHOR'>>
                    OR
    <FILE=<ASSOCIATED|SUBFILE>,
                            FLDNAME2=FIELD-NAME>>)
    ADDLIKE   FLDNAME=NEW-FIELDNAME,
              FLDNAME2=OTHER-FIELDNAME
    CHANGE    FLDNAME=FIELD-NAME,
              TYPE=(FLDTYPE=FIELD-TYPE
                    <,ALIGN=RIGHT|LEFT>),
              FORM=(FLDFORM=FIELD-FORMAT,
                    FLDLEN=FIELD-LENGTH,
                    ELEMLEN=ELEMENT-LENGTH,
                    ELEMLIM=ELEMENT-NUMBER
                    <,UNIQUE=<Y|N>>),
              ROUTINES=(CONV=CONVERSION-ROUTINE,
                    FORMAT=FORMATTING-ROUTINE,
                    VALID=VALIDATION-ROUTINE,
                    VALIDARG=VALIDATION-ARGUMENT),
```

```
              INDEXED=(INDEX=<Y|N>,
```

```
                              IFLDNAME=FIELD-NAME
                                <,EXTINT=<INTERNAL|EXTERNAL>,
                                  EXTLEN=EXTERNAL-LENGTH,
                                  SPANNED=<Y|N>>),
                   ASSOCED=(ASSOC=<Y|N>,
                             AFLDNAME=FIELD-NAME),
                   SUBFILED=(SUBFILE=<Y|N>,
                             SFLDNAME=FIELD-NAME),
                   SUBFIELD=(BASEFLD=FIELD-NAME,
                             OFFSET=OFFSET
                             <,<FILE=<*FILENAME|'ANCHOR'>>
                             OR
          <FILE=<ASSOCIATED|SUBFILE>,
                             FLDNAME2=FIELD-NAME>>)
          CHKPOINT
          CREATSUB FLDNAME=CONTROL-FIELD-NAME,
                   MAXRECS=#-RECORDS,
                   ASSOC=<Y|N>,
                   AFLDNAME=FIELD-NAME
          DELETE   FLDNAME=FIELD-NAME
          DISPLAY  FLDNAME=FIELD-NAME
          FIELDS
          FILE     DESCOR=<Y|N>
          FLDSEC   FLDNAME=(FIELD-NAME<,...>),
                   SECURITY=(<<ADD|DELETE>,>
                             SECURITY-CODE<,...>)
          MOVE     FLDNAME1=NEW-LOCATION-FIELD-NAME,
                   FLDNAME2=FIELD-NAME
          PATCH    (FIELD-NAME=VALUE<,...>)
          PRINT
          RECSEC   DFLDNAME=FIELD-NAME,
                   SECURITY=(<<ADD|DELETE>,>
                             SECURITY-CODE:MASK<,...>)
          RENAME   FLDNAME1=NEW-FIELD-NAME,
                   FLDNAME2=OLD-FIELD-NAME
          RESTORE
          REVIEW   FILE=FILE-NAME,
                   FLDNAME=FIELD-NAME
          SAVSTRT  STRTNAME=STRATEGY-NAME
          SUPERFLD FLDNAME=FIELD-NAME,
                   ROUTINES=(CONV=CONVERSION-ROUTINE,
                             FORMAT=FORMATTING-ROUTINE,
                             VALID=VALIDATION-ROUTINE,
                             VALIDARG=VALIDATION-ARGUMENT),
                   FLDLIST=(<<INTERNAL|EXTERNAL>,>
                             FIELD-NAME<,...>)
```

FORMAT.COMMANDS

| DISPLAY | END | FIELD | FIELDS | FORMAT |
|---------|-----|-------|--------|--------|
| FORMATS | | | | |
| HEADER | NAME | STORE | TITLE | |

```
FORMAT.SYNTAX

        DISPLAY
        END
        FIELD      FLDSPEC=DATA(,...)
        FIELDS
        FORMAT     FNUMBER=FMT#
        FORMATS
        HEADER     <HDRLINE=HDR#><,HDRSPEC=DATA>
        NAME       FMTNAME=NAME
        STORE      <FMTNAME=NAME>
        TITLE      <TTLLINE=TTL#>,<,TTLTEXT=DATA>

IMMEDIATE.COMMANDS

        $DEBUG     APOFF      DEFAULT    END  EXPLAIN     GO
        KA         KB         PAGE PROFILE   PROMPT     SYNONYM
        SYNONYMS   STRATEGY

IMMEDIATE.SYNTAX

        $DEBUG
        APOFF
        DEFAULT    KEYWORD=VALUE(,...)
        DEFAULTS   <KEYWORD,...>
        END
        EXPLAIN    <OPTION='ORIGIN'|'RESPONSE'|TERM|MSG#>
        <,MESSAGE=KEYVALUE|MSG#>
        GO
        KA
        KB
        PAGE                   <DIRECTON='BACKWARD'|'FORWARD'>
        <,MODE='SKIP'|'NORMAL'>
        PROFILE
        PROMPT     MESSAGE=KEYVALUE<,INSERTS=DATA,...>
        SYNONYM    VALUE=COMMAND<,...>
        SYNONYMS   <'*ALL'|VALUE,...>
        STRATEGY
        OPTION='NAMES'|'LIST'|'DELETE'<,STRATEGY=NAME>

JOIN.COMMANDS

        ADD        CHANGE     DELETE     DISPLAY    JOIN
        QUIT

JOIN.SYNTAX

        ADD        NASISID=ID,FILES=FILE LIST
        CHANGE
        DELETE     NASISID=ID,FILES=FILE LIST
        DISPLAY    NASISID=ID
       °JOIN LIST
        QUIT       NASISID=ID
```

MAINTENANCE.COMMANDS

```
ACCUM     COMBINE  CORRECT  EDIT      INVERT LOAD
PRINT     UPDATE
```

MAINTENANCE.SYNTAX

```
ACCUM     <FILE-NAME>
COMBINE   <MODE='F'|'R'><,MODE1='1'|'0'>
          <,FIELD=FIELD-NAME><,MODE2='1'|'0'>
CORRECT   <FIELD=FIELD-NAME><,KEY=VALUE>
EDIT      <MODE='CREATE'|'UPDATE'|'RESTORE'>
INVERT    <FIELD=(FIELD-NAME(,...))>
          <,MODE=MODE>
          <,RECORDS=RECORDS>
          <,RANGE=RANGE>
LOAD      <LOADMODE=MODE><,LOADEXIT=EXITNAME>
          <,KEYFMT=FORMATTING><,LOADANC=ANCHOR>
          <,LOADASSC=ASSOCIATE><,LOADSUB=SUBFILE>
          <,INVERTED=INDEX><,LOADINPT=INPUT>
          <,GENERKEY=GENERATE><,ERRFILE=ERROR-FILE>
          <,LOADERRS=LIMIT>
PRINT
UPDATE
```

MTT.COMMANDS

```
DATETIME  HELP      MESSAGE   NUSERS    USERS
WAIT
```

MTT.SYNTAX

```
DATETIME
HELP      <TEXT=MESSAGE>
MESSAGE   USERID=ID,TEXT=MESSAGE
NUSERS
USERS
WAIT      <TIME=MINUTES>
```

NASIS.COMMANDS

```
JOIN      MAINTAIN  REPORT    RERUN     RESTART
RETRIEVE  SECURE
```

NASIS.SYNTAX

```
JOIN      PASSWORD=VALUE
MAINTAIN  FILE=NAME
REPORT
RERUN     STRATEGY=NAME
RESTART
RETRIEVE
SECURE
```

RETRIEVAL.COMMANDS

```
CANCEL      CORRECT    DISPLAY     EXECUTE    EXPAND
FIELDS      FORMAT     FORMATS     GENERATE   GFIELDS
PRINT       RETRIEVE SEARCH    SELECT     SETS
```

RETRIEVAL.SYNTAX

```
CANCEL    <RANGE='SEARCH'|'*ALL'|BSNS>
CORRECT   <FIELD=NAME><,KEY=VALUE><,VERIFY=MODE>
DISPLAY
SET=SET#|KEYVALUE<,FORMAT=FMT#|FMTNAME>
<,ITEM=ITEM#><,TYPE='1'|'2'|'3'>
EXECUTE
EXPAND    TERM=VALUE,FIELD=NAME
FIELDS
FORMAT    FNUMBER=FMT#
FORMATS
GENERATE FIELD=NAME,SET#=SET
GFIELDS
PRINT               SET=SET#,FORMAT=FMT#,ITEMS=RANGE
<,TYPE='1'|'2'|'3'>
RETRIEVE    FILE=NAME,NAME=USER,ADDRESS=MAILSTOP
<,SECURITY='Y'|'N'>
SEARCH    SET=SET#
SELECT    EXPR=EXPRESSION<,FIELD=NAME>
SETS      <SET#|S-NUMBER>
```

SYNTAX

```
THE NASIS COMMAND SYNTAX IS:
-------> MTT COMMANDS:
DATETIME
HELP      <TEXT=MESSAGE>
MESSAGE   USERID=ID,TEXT=MESSAGE
NUSERS
USERS
WAIT      <TIME=MINUTES>
-------> IMMEDIATE COMMANDS:
$DEBUG
APOFF
DEFAULT   KEYWORD=VALUE<,...>
DEFAULTS  <KEYWORD,...>
END
EXPLAIN   <OPTION='ORIGIN'|'RESPONSE'|TERM|MSG#>
<,MESSAGE=KEYVALUE|MSG#>
GO
KA
KB
PAGE                <DIRECTON='BACKWARD'|'FORWARD'>
<,MODE='SKIP'|'NORMAL'>
PROFILE
PROMPT    MESSAGE=KEYVALUE<,INSERTS=DATA,...>
```

```
SYNCNYM   VALUE=COMMAND<,...>
SYNONYMS  <'*ALL'|VALUE,...>
STRATEGY
OPTION='NAMES'|'LIST'|'DELETE'<,STRATEGY=NAME>
------> NASIS COMMANDS:
JOIN      PASSWORD=VALUE
MAINTAIN  FILE=NAME
REPORT
RERUN     STRATEGY=NAME
RESTART
RETRIEVE
SECURE
------> RETRIEVAL COMMANDS:
CANCEL    <RANGE='SEARCH'|'*ALL'|BSNS>
CORRECT   <FIELD=NAME><,KEY=VALUE><,VERIFY=MODE>
DISPLAY
SET=SET#|KEYVALUE<,FORMAT=FMT#|FMTNAME>
<,ITEM=ITEM#><,TYPE='1'|'2'|'3'>
EXECUTE
EXPAND    TERM=VALUE,FIELD=NAME
FIELDS
FORMAT    FNUMBER=FMT#
FORMATS
GENERATE  FIELD=NAME,SET#=SET
GFIELDS
PRINT         SET=SET#<,FORMAT=FMT#><,ITEMS=RANGE>
<,TYPE='1'|'2'|'3'>
RETRIEVE      FILE=NAME,NAME=USER,ADDRESS=MAILSTOP
<,SECURITY='Y'|'N'>
SEARCH    SET=SET#
SELECT    EXPR=EXPRESSION<,FIELD=NAME>
SETS      <SET#|S-NUMBER>
------> FORMAT COMMANDS:
DISPLAY
END
FIELD     FLDSPEC=DATA(,...)
FIELDS
FORMAT    FNUMBER=FMT#
FORMATS
HEADER    <HDRLINE=HDR#><,HDRSPEC=DATA>
NAME      FMTNAME=NAME
STORE     <FMTNAME=NAME>
TITLE     <TTLLINE=TTL#>,<,TTLTEXT=DATA>
------> CORRECT COMMANDS:
ADD       FIELD=DATA<,FIELD=(DATA,DATA,...),...>
CANCEL
CORRECT   <FIELD=NAME><,KEY=VALUE>
DELETE    <ELEMENT='RECORD'|E#S<,...>>
DISPLAY   <DIRECTON='B'|E#>
END
FIELDS
INSERT    FIELD=DATA<,FIELD=(DATA,DATA,...),...>
REPLACE
```

```
           START=E#,END=E#,OLDDATA=VALUE<,NEWDATA=VALUE>
VERIFY     <MCDE='YES'|'NO'>
-------> JOIN COMMANDS:
ADD        NASISID=ID,FILES=FILE LIST
CHANGE
DELETE     NASISID=ID,FILES=FILE LIST
DISPLAY    NASISID=ID
JOIN LIST
QUIT       NASISID=ID
-------> MAINTENANCE COMMANDS:
ACCUM      <FILE-NAME>
COMBINE    <MODE='F'|'R'><,MODE1='1'|'0'>
           <,FIELD=FIELD-NAME><,MODE2='1'|'0'>
CORRECT    <FIELD=FIELD-NAME><,KEY=VALUE>
EDIT       <MODE='CREATE'|'UPDATE'|'RESTORE'>
INVERT     <FIELD=(FIELD-NAME(,...))>
           <,MODE=MODE>
           <,RECORDS=RECORDS>
           <,RANGE=RANGE>
LOAD       <LCADMCDE=MODE><,LOADEXIT=EXITNAME>
           <,KEYFMT=FORMATTING><,LOADANC=ANCHOR>
           <,LOADASSC=ASSOCIATE><,LOADSUB=SUBFILE>
           <,INVERTED=INDEX><,LOADINPT=INPUT>
           <,GENERKEY=GENERATE><,ERRFILE=ERROR-FILE>
           <,LOADERRS=LIMIT>
PRINT
UPDATE
-------> EDIT COMMANDS:
ADD        FLDNAME=FIELD-NAME,
           TYPE=(FLDTYPE=FIELD-TYPE
                 <,ALIGN=RIGHT|LEFT>),
           FORM=(FLDFCRM=FIELD-FORMAT,
                 FLDLEN=FIELD-LENGTH,
                 ELEMLEN=ELEMENT-LENGTH,
                 ELEMLIM=ELEMENT-NUMBER
                 <,UNIQUE=<Y|N>>),
           ROUTINES=(CONV=CONVERSION-ROUTINE,
                     FORMAT=FORMATTING-ROUTINE,
                     VALID=VALIDATION-ROUTINE,
                     VALIDARG=VALIDATION-ARGUMENT),
           INDEXED=(INDEX=<Y|N>,
                    IFIDNAME=FIELD-NAME
                    <,EXTINT=<INTERNAL|EXTERNAL>,
                      EXTLEN=EXTERNAL-LENGTH,
                      SPANNED=<Y|N>>),
           ASSOCED=(ASSOC=<Y|N>,
                    AFLDNAME=FIELD-NAME),
           SUBFILED=(SUBFILF=<Y|N>,
                     SFLDNAME=FIELD-NAME),
           SUBFIELD=(BASEFLD=FIELD-NAME,
                     OFFSET=OFFSET
                     <,<FILE=<*FILENAME|'ANCHOR'>>
                     OR
```

```
            <FILE=<ASSOCIATED|SUBFILE>,
                          FLDNAME2=FIELD-NAME>>)
ADDLIKE    FLDNAME=NEW-FIELDNAME,
           FLDNAME2=OTHER-FIELDNAME
CHANGE     FLDNAME=FIELD-NAME,
           TYPE= (FLDTYPE=FIELD-TYPE
                  <,ALIGN=RIGHT|LEFT>),
           FORM= (FLDFORM=FIELD-FORMAT,
                  FLDLEN=FIELD-LENGTH,
                  ELEMLEN=ELEMENT-LENGTH,
                  ELEMLIM=ELEMENT-NUMBER
                  <,UNIQUE=<Y|N>>),
           ROUTINES= (CONV=CONVERSION-ROUTINE,
                      FORMAT=FORMATTING-ROUTINE,
                      VALID=VALIDATION-ROUTINE,
                      VALIDARG=VALIDATION-ARGUMENT),
           INDEXED= (INDEX=<Y|N>,
                     IFLDNAME=FIELD-NAME
                     <,EXTINT=<INTERNAL|EXTERNAL>,
                       EXTLEN=EXTERNAL-LENGTH,
                       SPANNED=<Y|N>>),
           ASSOCED= (ASSOC=<Y|N>,
                     AFLDNAME=FIELD-NAME),
           SUBFILED= (SUBFILE=<Y|N>,
                      SFLDNAME=FIELD-NAME),
           SUBFIELD= (BASEFLD=FIELD-NAME,
                      OFFSET=OFFSET
                      <,<FILE=<*FILENAME|'ANCHOR'>>
                      OR
            <FILE=<ASSOCIATED|SUBFILE>,
                          FLDNAME2=FIELD-NAME>>)
CHKPOINT
CREATSUB   FLDNAME=CONTROL-FIELD-NAME,
           MAXRECS=#-RECORDS,
           ASSOC=<Y|N>,
           AFLDNAME=FIELD-NAME
DELETE     FLDNAME=FIELD-NAME
DISPLAY    FLDNAME=FIELD-NAME
FIELDS
FILE       DESCOR=<Y|N>
FLDSEC     FLDNAME=(FIELD-NAME<,...>),
           SECURITY= (<<ADD|DELETE>.>
                       SECURITY-CODE<,...>)
MOVE       FLDNAME1=NEW-LOCATION-FIELD-NAME,
           FLDNAME2=FIELD-NAME
PATCH      (FIELD-NAME=VALUE<,...>)
PRINT
RECSEC     DFLDNAME=FIELD-NAME,
           SECURITY= (<<ADD|DELETE>.>
                       SECURITY-CODE:MASK<,...>)
RENAME     FLDNAME1=NEW-FIELD-NAME,
           FLDNAME2=OLD-FIELD-NAME
RESTORE
```

```
              REVIEW    FILE=FILE-NAME,
                        FLDNAME=FIELD-NAME
              SAVSTRT   STRTNAME=STRATEGY-NAME
              SUPERFLD  FIDNAME=FIELD-NAME,
                        ROUTINES=(CONV=CONVERSION-ROUTINE,
                                  FORMAT=FORMATTING-ROUTINE,
                                  VALID=VALIDATION-ROUTINE,
                                  VALIDARG=VALIDATICN-ARGUMENT),
                        FLDLIST=(<<INTERNAL|EXTERNAL>.>
                                  FIELD-NAME<,...>)
```

## IV. SYSTEM MESSAGES

### DBACCMO1

MSG   ENTER DATAPLEX NAME

RSP   THE USER SHOULD ENTER THE 6 CHARACTER NAME OF THE DATAPLEX THAT HE WISHES TO ACCUMULATE STATISTICS FOR.

### DBACCMO2

MSG   CANCELLED: ERROR $C1 ON $C2.

EXP   DBPAC ERROR $01 OCCURRED WHILE PROCESSING EITHER THE DATAPLEX OR THE STATISTICS FILE INDICATED BY $02. THE ACCUMULATION OF STATISTICS WAS CANCELLED. NOTIFY YOUR DBA.

### DBCHKPO1

MSG   CANCELLED: ERROR $01, ATTEMPTING TO $02 GDG FOR CHECKPOINT DUMP.

EXP   AN ERROR HAS OCCURRED WHILE TRYING TO CATALOG, DDEF OR PRINT THE CHECKPOINT DUMP. NOTIFY YOUR DBA.

### DBCORRO1

MSG   ENTER KEY OF RECORD TO BE CORRECTED

EXP   USER MUST SPECIFY WHAT KEY IS TO BE CORRECTED.

RSP   VALID RESPONSES ARE ANY ANCHOR OR SUBFILE KEY, OR SEQUENTIAL MODE, SPECIFIED AS '+' OR '-' FOLLOWED BY NUMERICS.

### DBCORRO2

MSG   ENTER NAME OF FIELD TO BE CORRECTED

EXP   USER   MUST   SPECIFY   A   FIELD   NAME   TO   BE
      CORRECTED.

RSP   ANY 1-8 CHARACTER FIELD NAME THAT IS ON THE FILE
      BEING CORRECTED IS VALID.

DBCORR03

   MSG   ENTER NEXT CORRECTION

   EXP   USER MUST ENTER NEXT SUB-COMMAND FOR CORRECT.

   RSP   VALID RESPONSES ARE:
            ADD <DATA>
            CANCEL
            CORRECT <FIELD,KEY>
            DELETE <ELEMENTS>
            DISPLAY <DATA>
            END
            FIELDS
            INSERT <FIELD,FIELD,...>
            REPLACE <START,END,OLDDATA,NEWDATA>
            VERIFY <MODE>

DBCORR05

   MSG   INVALID REQUEST, RE-ENTER

   EXP   USER   HAS   ENTERED   AN   INVALID   SUB-COMMAND FOR
         CORRECT.

   RSP   VALID RESPONSES ARE:
            ADD
            CANCEL
            CORRECT
            DELETE
            DISPLAY
            END
            FIELDS
            INSERT
            REPLACE
            VERIFY

DBCORR06

   MSG   PRINT VERIFICATION(YES,NO)

   EXP   USER   MUST   INDICATE   IF   HE   DOES   NOT WANT   TO
         DISPLAY THE UPDATED DATA.

   RSP   VALID RESPONSES ARE:
            'YES' - DATA WILL BE DISPLAYED
            'NO'  - PRINT WILL BE SUPRESSED

DEFAULT IS 'YES'

DBCORR07

MSG   NO SEQUENTIAL CORRECTIONS ON  SUBFILES, RE-ENTER
      KEY

EXP   USER CANNOT SPECIFY SEQUENTIAL  KEY  FOR SUBFILE
      CORRECTIONS, KEY MUST BE REENTERED.

RSP   ANY SUBFILE KEY IS VALID.

DBCORR10

MSG   CORRECT COMPLETE.

EXP   CORRECT IS COMPLETED,  CONTROL IS  BACK  TO
      MAINTAIN.

DBCORR11

MSG   DBPAC ERROR($01) ON FILE($02).

EXP   DATA BASE EXECUTIVE ERROR($01) HAS  OCCURRED  ON
      FILE($02).

DBCORR20

MSG   ENTER DISPLAY DATA

EXP   USER  MUST INDICATE  WHICH DIRECTION TO PAGE THE
      DISPLAY, OR ELEMENT TO START DISPLAY AT.

RSP   VALID RESPONSES ARE:
      'F'  - FORWARD PAGING
      'B'  - BACKWARD PAGING
      'E'#   -  START  DISPLAYING  AT  THIS  ELEMENT
      NUMBER.
      DEFAULT IS FORWARD PAGING.

DBCORR21

MSG   ENTER DATA

EXP   USER  MUST ENTER DATA VALUE  TO BE ADDED TO  THE
      FIELD OR DATA VALUE TO BE USED AS REPLACEMENT.

RSP   VALID  RESPONSE  IS ANY  1-4000  CHARACTER  DATA
      VALUE.

DBCORR22

MSG   ENTER DELETE PARAMETER

EXP  USER MUST SPECIFY ELEMENTS TO BE DELETED.

RSP  VALID RESPONSES ARE:
       'RECORD' - DELETE ENTIRE RECORD.
       'E'(#)  -  #  IS AN INTEGER  IDENTIFYING WHICH
     ELEMENT TO DELETE
       '(E#,E#)'  -  DELETE THIS  RANGE OF  ELEMENTS,
     ENTERED AS AN ELEMENT FIELD WITH TWO ELEMENTS.

## DBCORR24

MSG  ENTER STARTING ELEMENT NUMBER

EXP  USER MUST  ENTER THE STARTING ELEMENT NUMBER FOR
     CONTEXT OPERATION.

RSP  VALID  RESPONSE  IS  'E'#,  WHERE  #  IS   VALID
     INTEGER.  DEFAULT IS CURRENT ELEMENT.

## DBCORR25

MSG  ENTER ENDING ELEMENT NUMBER

EXP  USER MUST ENTER  THE ENDING ELEMENT  NUMBER  FOR
     CONTEXT OPERATION.

RSP  VALID  RESPONSE  IS  'E'#,  WHERE   #  IS   VALID
     INTEGER.  DEFAULT IS THE CURRENT ELEMENT.

## DBCORR26

MSG  ENTER DATA TO REPLACE

EXP  USER MUST ENTER DATA VALUE TO REPLACE FOR CHANGE
     TRANSACTION.

RSP  SPECIFIED AS A 1-255 CHARACTER DATA VALUE.

## DBCORR31

MSG  ERROR  IN   FINDING  SUBFILE  CONTROL  FIELD   IN
     FLDTAB.

EXP  FIELD NAME WAS IN FIELD TABLE AS A SUBFILE FIELD
     BUT CONTROL FIELD CANNOT BE FOUND.

## DBCORR33

MSG  NO CURRENT ANCHOR KEY.

EXP  NO  CURRENT ANCHOR RECORD IS AVAILABLE TO LOCATE
     SUBFILE RECORDS.

DBCORR40

    MSG   FIELD NAMES TO BE PREDEFINED? (YES,NO)

    RSP   FIELD NAMES ARE GIVEN TO ESTABLISH THE ORDER
           THEY WILL BE ENTERED, ELIMINATING THE NEED OF
           FUTURE KEYWORDED FIELD VALUES.

DBCORR41

    MSG   ENTER PREDEFINED FIELDS

    RSP   ENTER THE FIELD NAMES IN THE ORDER YOU WANT TO
           ADD THEM

DBCORR42

    MSG   ENTER ($01) FIELD

    RSP   THE FIELD VALUE OF THE FIELD PROMPTED IS TO BE
           ENTERED

DBCORR43

    MSG   ENTER NUMBER OF PREDEFINED FIELDS

    RSP   THE NUMBER OF PREDEFINED FIELDS IS THE TOTAL
           NUMBER OF DIFFERENT FIELDS THAT CAN NOW BE ADDED
           IN PREDEFINED MODE.

DBCORR44

    MSG   ($01) INVALID NUMERIC FIELD, REENTER

    RSP   VALUE ENTERED MUST BE NUMERIC DIGITS (0-9)

DBCORR83

    MSG   $01 OF DATA SET REACHED, REQUEST IGNORED.

    EXP   REQUESTED KEY IS EITHER OFF THE END OR BEGINNING
           OF FILE.

DBCORR84

    MSG   FIELD NAME $01 INVALID, REENTER

    EXP   THE REQUESTED FIELD NAME IS NOT ON THE FILE.
           USER MUST REENTER A VALID FIELD NAME.

    RSP   VALID RESPONSE IS ANY VALID 1-8 CHARACTER FIELD
           NAME ON FILE BEING CORRECTED.

DBCORR85

    MSG   OLD DATA NCT FOUND, RE-ENTER REQUEST

    EXP   DATA VALUE TO BE REPLACED COULD NOT BE FOUND. USER MUST REENTER DATA VALUE.

    RSP   VALID RESPCNSE IS ANY 1-255 CHARACTER DATA VALUE THAT IS IN THE CURRENT ELEMENT RANGE.

DBCORR86

    MSG   CANCELLED: ELEMENT LIMIT REACHED.

    EXP   NO MORE ELEMENTS CAN BE ADDED TO THIS FIELD.

DBCORR88

    MSG   WARNING: KEY NOT FOUND, USING NEXT LOWER KEY.

    EXP   THE REQUESTED KEY COULD NCT BE FOUND ON THE FILE SO THE NEXT LOWER ONE IS BEING USED.

DBCORR89

    MSG   INVALID $01 NUMBER, REENTER REQUEST

    EXP   USER ENTERED AN ELEMENT NUMBER THAT IS INVALID. USER MUST RIENTER THE REQUEST

    RSP   VALID RESPCNSE IS ANY OF THE SUB-COMMANDS.

DBCORR91

    MSG   TERM $01 INVALID, REENTER REQUEST

    EXP   SYNTAX ERRCR HAS CCCURRED ON TERM $01, USER MUST REENTER HIS REQUEST.

    RSP   RESPONSE IS ANY VALID SUB-COMMAND.

DBCORR92

    MSG   NO $01 FIELD, REENTER REQUEST

    EXP   DATA FIELD $01 WAS NOT SPECIFIED, USER MUST REENTER REQUEST.

    RSP   VALID RESPONSE IS ANY VALID CORRECT SUB-COMMAND.

DBCORR94

MSG   CANCELLED: DATA BASE EXECUTIVE ERROR.

EXP   CORRECT IS CANCELLED BECAUSE OF SEVERE DATA BASE
      EXECUTIVE ERROR.

DBCORR95

MSG   END OF FIELD, REENTER REQUEST

EXP   ON PAGE FORWARD, END OF  DATA REACHED, USER MUST
      REENTER HIS REQUEST.

RSP   VALID     RESPONSE    IS    ANY    VALID    CORRECT
      SUB-COMMAND.

DBCORR97

MSG   BEGINNING OF FIELD, REENTER REQUEST

EXP   ON  PAGE BACKWARD, BEGINNING OF FIELD REACHED.

RSP   VALID     RESPONSE    IS    ANY    VALID    CORRECT
      SUB-COMMAND.

DBCORR98

MSG   CANCELLED: TOO MUCH PROMPTING.

EXP   USER IS ONLY ALLOWED FIVE TRIES.  YOU LOSE.

DBDRIV01

MSG   SELECT INPUT DATA MODE

EXP   SELECT ONE OF THE FOLLOWING MODES FOR YOUR INPUT
      DATA:
      A = ALPHANUMERIC,
      F = FULLWORD,
      H = HALFWORD,
      P = PACKED DECIMAL,
      L = LONG FLOAT,
      S = SHORT FLOAT,
      X = HEXADECIMAL.

RSP   A = ALPHANUMERIC,
      F = FULLWORD,
      H = HALFWORD,
      P = PACKED DECIMAL,
      I = LONG FLOAT,
      S = SHORT FLOAT,
      X = HEXADECIMAL.

DBDRIV02

MSG   ENTER ROUTINE NAMES

EXP   THE USER  SHOULD ENTER  THE ROUTINE NAMES HE  IS
      TESTING IN THE  FCLLOWING SEQUENCE; CONVERSION,
      VALIDATION,  REFORMATTING;  OR DEFAULT THOSE NOT
      USED.

RSP   THE USER SHOULD ENTER THE  ROUTINE  NAMES HE  IS
      TESTING IN  THE FOLLOWING SEQUENCE; CONVERSION,
      VALIDATICN, REFCRMATTING;  OR DEFAULT  THOSE NOT
      USEI.

## DBDRIVO3

MSG   ENTER VALICARG

EXP   THE  USER  SHOULD ENTER  ANY  VALIDATICN ROUTINE
      ARGUMENTS  CR  DEFAULT  WITH  A  NULL  RESPONSE.
      VALIDATICN ARGUMENTS MAY BE ANY CHARACTER STRING
      UP TO 50 CHARACTERS MAXIMUM.

RSP   THE  USER  SHOULD ENTER  ANY VALIDATICN  ROUTINE
      ARGUMENTS  CR  DEFAULT  WITH  A  NULL  RESPONSE.
      VALIDATION ARGUMENTS MAY BE ANY CHARACTER STRING
      UP TO 50 CHARACTERS MAXIMUM.

## DBDRIVO4

MSG   ENTER DATA VALUE

EXP   THE    USER   SHOULD    ENTER    THE   CHARACTER
      REPRESENTATION  OF  HIS  TEST  DATA, IT   WILL
      AUTCMATICAIIY BE CONVERTED TO THE SELECTED INPUT
      MODE.

RSP   THE    USER   SHOULD    ENTER    THE   CHARACTER
      REPRESENTATICN  OF  HIS  TEST   DATA,  IT   WILL
      AUTOMATICAIIY BE CONVERTED TO THE SELECTED INPUT
      MODE.

## DBDRIVO5

MSG   DATA VALUE                = $01.

EXP   THIS VERIFIES THE USERS INPUT DATA BEFORE IT HAS
      BEEN CONVERTED TO THE SELECTED INPUT MODE.

## DBDRIVO6

MSG   AFTER CCNVERSION,   HEX = $01.

EXP   THIS IS THE OUTPUT FROM THE SPECIFIED CCNVERSION
      ROUTINE, IN HEXADECIMAL FORM.

DBDRIV07

    MSG   AFTER VALICATION,   HEX = $01.

    EXP   THIS IS THE OUTPUT FROM THE SPECIFIED VALIDATION
        ROUTINE, IN HEXADECIMAL FORM.

DBDRIV08

    MSG   AFTER REFORMATTING, HEX = $01.

    EXP   THIS   IS   THE   OUTPUT   FROM   THE   SPECIFIED
        REFORMATTING ROUTINE, IN HEXADECIMAL FORM.

DBDRIV09

    MSG   AFTER REFORMATTING, CHAR= $01.

    EXP   THIS   IS   THE   OUTPUT   FROM   THE   SPECIFIED
        REFORMATTING ROUTINE, IN CHARACTER FORM.

DBDRIV10

    MSG   ROUTINE INPUT VALUE    = $01.

    EXP   THIS VERIFIES THE USERS INPUT DATA AFTER IT HAS
        BEEN CONVERTED TO THE SELECTED INPUT MODE.

DBDRIV12

    MSG   CANCELLED:  INVALID MODE.

    EXP   THE USER HAS ENTERED AN INVALID INPUT MODE.  THE
        COMMAND  HAS BEEN CANCELLED AND THE USER WILL BE
        REPROMPTED FOR ANOTHER INPUT MODE.

DBDRIV13

    MSG   CANCELLED:  ROUTINE NAME TOO LONG.

    EXP   THE USER  HAS ENTERED  A ROUTINE NAME  EXCEEDING
        EIGHT  CHARACTERS.  THE  COMMAND  HAS  BEEN
        CANCELLED  AND THE  USER WILL  BE REPROMPTED FOR
        THE ENTIRE ROUTINE NAME STRING.

DBDRIV14

    MSG   CANCELLED:  INVALID CHARACTER IN INPUT STRING.

    EXP   THE USER  HAS  ENTERED  AN INVALID CHARACTER  IN
        EITHER  HEXADECIMAL CR PACKED  MODE.  THE VALID
        CHARACTERS ARE:
        HEX    = 0123456789ABCDEF,

PACKED = 0123456789-+.

DBDRIV15

MSG   CANCELLED:    ODD   NUMBER   CHARACTERS   IN   HEX
      STRING.

EXP   THE USER IS IN HEXADECIMAL MODE AND HAS  ENTERED
      AN    INPUT   STRING   WITH   AN   ODD   NUMBER   OF
      CHARACTERS.  THE COMMAND  HAS BEEN CANCELLED AND
      THE USER WILL BE REPROMPTED FOR INPUT DATA.

DBDRIV16

MSG   CANCELLED:   INPUT DATA REJECTED  BY  CONVERSION
      ROUTINE $01.

EXP   THE CONVERSION ROUTINE, $01,  HAS RETURNED  WITH
      THE ERROR BIT CN.

DBDRIV17

MSG   CANCELLED:    INPUT   DATA REJECTED   BY VALIDATION
      ROUTINE $01.

EXP   THE VALIDATION ROUTINE,  $01,  HAS RETURNED WITH
      THE ERROR BIT ON.

DBDRIV18

MSG   WARNING:  DEPAC NULL VALUE USED.

EXP   THE  DBPAC NULL  BIT  PATTERN  HAS BEEN  USED  AS
      INPUT TO A  REFORMATTING  ROUTINE.  A  NULL  BIT
      PATTERN IS ALL  BITS OFF (ZERO) EXCEPT  THE HIGH
      ORDER BIT.

DBDRIV19

MSG   CANCELLED:  CONVERSION ERROR.

EXP   THE  INPUT DATA COULD  NOT BE  CONVERTED TO  THE
      SELECTED  INPUT  MODE.   THE  COMMAND  HAS  BEEN
      CANCELLED AND THE  USER WILL  BE REPROMPTED  FOR
      INPUT DATA.

DBDRIV20

MSG   CANCELLED:  ERROR. ONCODE = $01, ONLOC = $02.

EXP   AN ERROR HAS OCCURRED.   THE PLI  ERROR CODE  IS
      $01,  THE  ENTRY POINT  IS $02.  THE COMMAND HAS
      BEEN CANCELLED  AND THE USER  WILL BE REPROMPTED

FOR INPUT DATA.

DBDSPL01

MSG   CANCELLED: NOT IN RETRIEVAL SYSTEM.

EXP   THE   USER   HAS   TRIED TO   EXECUTE   THE RETRIEVAL
      DISPLAY COMMAND   WITHOUT BEING IN   THE RETRIEVAL
      SYSTEM.  CONTACT  YOUR DBA TO   DETERMINE HOW THE
      ERRCR OCCURRED.

DBDSPL02

MSG   CANCELLED: DATA BASE ERROR $01.

EXP   A DATA BASE ERROR HAS OCCURRED WHILE THE DISPLAY
      COMMAND   WAS   ATTEMPTING   TO   OBTAIN   THE   DATA
      SPECIFIED  BY THE   USER.  CONTACT   YOUR   DBA  TO
      INFCRM   HIM   CF   THE   ERROR   SO   IT   CAN   BE
      CORRECTED.

DBDSPL03

MSG   CANCELLED: NO MCRE DATA $01.

EXP   THE USER  HAS SPECIFIED A PAGE  COMMAND,  BUT NO
      MORE DATA REMAINS TO BE DISPLAYED.

DBDSPL04

MSG   FORMAT INCCEPATIBLE FOR GIVEN SET.

EXP   USER SPECIFIED  A FORMAT WITH  FIELDS NOT ON THE
      SUBFILE DEFINED BY THE GIVEN SET PARAMETER.

DBDSPL05

MSG   PAGING DIRECTION $01 INVALID, FORWARD ASSUMED.

EXP   THE   USER   HAS   SPECIFIED   AN   INVALID DIRECTION
      (FIRST  PARAMETER)  FOR  A  PAGE  COMMAND.   THE
      COMMAND  IS ASSUMING  A DIRECTION OF FORWARD AND
      CONTINUING.

DBDSPL06

MSG   PAGING MODE $01 INVALID, NCRMAL ASSUMED.

EXP   THE USER  HAS SPECIFIED AN  INVALID MODE (SECOND
      PARAMETER) FOR A PAGE  COMMAND.  THE CCMMAND IS
      ASSUMING NOFMAI MCDE AND CONTINUING.

DBDSPL07

MSG   NO SET NUMBER GIVEN.

EXP   THE SPECIFIED SET NUMBER IS NULL OR INVALID;   IT
      MUST BE SPECIFIED IN A DISPLAY COMMAND.

DBDSPL08

   MSG   SET NUMBER TOO BIG; $1 CURRENT SETS.

   EXP   THE USER HAS SPECIFIED A SET NUMBER GREATER THAN
         THE NUMBER CF CURRENT SETS SHOWN.

DBDSPL09

   MSG   FORMAT NUMBER $1 (SEQUENTIAL) ASSUMED.

   EXP   THE USER HAS SPECIFIED A NULL OR INVALIC FORMAT;
         A DEFAULT IS ASSUMED.

DBDSPL10

   MSG   ITEM NUMBER $01 INVALID, 1 ASSUMED.

   EXP   THE  USER HAS SPECIFIED  AN ITEM  NUMBER  (THIRD
         PARAMETER)  THAT WAS  TOO LARGE  OR INVALID. THE
         COMMAND IS ASSUMING 1 AND CONTINUING.

DBDSPL16

   MSG   ENTER SET NUMBER

   EXP   THE    USER    IS    BEING    PROMPTED    FOR    THE
         IDENTIFICATION  OF  THE DATA  THAT HE  WISHES TO
         DISPLAY.

   RSP   THE USER SHOULD RESPOND WITH EITHER:
            A VALID SET NUMBER, OR,
            A VALID RECORD KEY.

DBDSPL17

   MSG   ENTER FORMAT

   EXP   THE USER  IS BEING PROMPTED  FOR THE  FORMAT  IN
         WHICH HE WISHES THE DATA TO BE DISPLAYED.

   RSP   THE USER SHOULD RESPOND WITH EITHER:
            A VALID FORMAT NUMBER, OR,
            A VALID FORMAT NAME.
         DEFAULT:  FORMAT  2  FOR ANCHOR  FILE  DATA  AND
         FORMAT 5 FOR SUBFILE DATA.

DBDSPL18

MSG   ENTER ITEM NUMBER

EXP   THE USER IS BEING PROMPTED FOR  THE ITEM  WITHIN
      THE  DATA SPECIFIED WHICH  HE WISHES TO DISPLAY.
      (E.G. THE KEY WITHIN THE SET)

RSP   THE  USER  SHOULD RESPOND  WITH A  VALID  NUMBER
      INDICATING WHICH KEY, WITHIN THE SET  SPECIFIED,
      HE WISHES THE DISPLAY TO BEGIN WITH.

DBDSPL19

MSG   ENTER PAGE DIRECTION

EXP   THE  USER   IS  BEING  PROMPTED  FOR  THE  FIRST
      PARAMETER OF  THE PAGE COMMAND.  THIS  PARAMETER
      INDICATES  THE DIRECTON  TO  PAGE.   KEYWORD  IS
      DIRECTON.

RSP   THE USER MAY ENTER B  FOR BACKWARD  PAGING OR  F
      FOR  FORWARD  PAGING;  THE  DEFAULT  IS  FORWARD
      PAGING.

DBDSPL20

MSG   ENTER PAGE MODE

EXP   THE  USER  IS  BEING  PROMPTED  FOR  THE  SECOND
      PARAMETER  OF THE PAGE COMMAND.   THIS PARAMETER
      INDICATES THE PAGING MODE WHEN DISPLAYING A SET;
      KEYWORD IS MODE.

RSP   THE USER MAY  ENTER S  FOR  SKIP OR J FOR  JUMP.
      SKIP MODE IMPLIES A  PAGE TO  THE NEXT KEY  IN A
      SET WHEN DISPLAYING WITH A SEQUENTIAL FORMAT.

DBDSPL43

·MSG   CANCELLED: ITEM NUMBER $01 IS TOO LARGE.

EXP   THE USER  HAS SPECIFIED AN ITEM NUMBER (RELATIVE
      KEY NUMBER)  THAT WAS  TOO  LARGE FOR  THE  SET
      SPECIFIED.

DBDSPL44

MSG   CANCELLED: SAVED SCREEN $01 NOT FOUND.

DBDSPL95

MSG   DISPLAYING FIELDS OF SUBFILE($1) ONLY.

EXP   THE USER HAS SPECIFIED A  SET OF SUBFILE KEYS TO

BE DISPLAYED WITH A FORMAT WITH FIELDS NOT ON
THAT SUBFILE. THE DISPLAY COMMAND IS CONTINUING
WITH ONLY THE FIELDS ON THE RELATED SUBFILE
SHOWN.

DBDSPL97

   MSG   SUCCESSFUL DISPLAY.

   EXP   THE DISPLAY COMMAND HAS PROCESSED THE DISPLAY
       PARAMETERS TO A NORMAL COMPLETION.

DBDSPL99

   MSG   DISPLAY NOT DONE.

   EXP   THE DISPLAY COMMAND WAS NOT ABLE TO COMPLETE
       NORMALLY DUE TO A PREVIOUSLY DIAGNOSED ERROR.

DBEDAC01

   MSG   ON WHICH ASSOCIATED FILE IS FIELD TO BE
       PLACED?

DBEDAC02

   MSG   ENTER FIELD ALIGNMENT

   EXP   THIS DETERMINES THE INPUT DATA IS TO BE RIGHT OR
       LEFT ALIGNED. FOR NUMERIC DATA, RIGHT ALIGNMENT
       IS AUTOMATICALLY ASSUMED.

   RSP   THE CORRECT RESPONSES ARE 'R' OR 'RIGHT' FOR
       RIGHT ALIGNMENT 'L' OR 'LEFT' FOR LEFT
       ALIGNMENT.

DBEDAC03

   MSG   IS THE FIELD TO BE A SUBFIELD (Y OR N)?

DBEDAC04

   MSG   IS FIELD TO BE ASSOCIATED (Y OR N)?

DBEDAC05

   MSG   ENTER CONVERSION ROUTINE NAME

DBEDAC06

   MSG   ENTER ELEMENT LENGTH

DBEDAC07

MSG   ENTER NUMBER OF ELEMENTS

DBEDAC08

MSG   ENTER INDEX KEY EXTERNAL LENGTH

DBEDAC09

MSG   ENTER TYPE OF FILE  ON  WHICH THE DEFINING  BASE
RESIDES

DBEDAC10

MSG   ENTER FIELD FORMAT

DBEDAC11

MSG   ENTER FIELD LENGTH

DBEDAC12

MSG   FIELD LENGTH VALUE  MUST BE ENTERED. ENTER FIELD
LENGTH

DBEDAC13

MSG   ENTER FIELD NAME

DBEDAC14

MSG   ENTER FIELD TYPE

DBEDAC15

MSG   ON  WHICH FILE  DOES  THE  DEFINING  BASE  FIELD
RESIDE?

DBEDAC16

MSG   ENTER FORMATTING ROUTINE NAME

DBEDAC17

MSG   ON WHICH INDEX IS FIELD TO BE PLACED?

DBEDAC18

MSG   IS FIELD TO BE INDEXED (Y OR N)?

DBEDAC19

MSG   IS  INDEX  KEY  TO  BE IN  INTERNAL OR  EXTERNAL
FORM?

DBEDAC20

  MSG  ENTER SUBFIELD OFFSET

DBEDAC21

  MSG  ON WHICH SUBFILE IS THIS FIELD TO BE PLACED?

DBEDAC22

  MSG  IS INDEX TO BE SPANNED (Y OR N)?

DBEDAC23

  MSG  IS FIELD TO BE PLACED ON A SUBFILE (Y OR N)?

DBEDAC24

  MSG  ENTER THE DEFINING BASE FIELD NAME

DBEDAC25

  MSG  ARE ELEMENTS TO BE UNIQUE (Y OR N)?

DBEDAC26

  MSG  ENTER VALIDATION ROUTINE NAME

DBEDAC27

  MSG  FIELD NAME $01 INVALID. ON WHICH ASSOCIATED FILE
      IS FIELD TO BE PLACED?

DBEDAC28

  MSG  ALIGNMENT VALUE $01 INVALID. REENTER

DBEDAC29

  MSG  VALIDATION ARGUMENT $01 INVALID. REENTER

DBEDAC30

  MSG  BOOLEAN RESPONSE $01 INVALID. REENTER

DBEDAC31

  MSG  CONVERSION ROUTINE $01 INVALID. REENTER

DBEDAC32

  MSG  ELEMENT LENGTH $01 INVALID. REENTER

DBEDAC33

  MSG   NUMBER OF ELEMENTS $01 INVALID. REENTER

DBEDAC34

  MSG   VALUE  $01  INVALID. ENTER  INDEX  KEY  EXTERNAL
      LENGTH

DBEDAC35

  MSG   FILE $01 INVALID. REENTER

DBEDAC36

  MSG   FIELD  FORMAT  $01  INVALID  FOR  KEY.  WILL  BE
      DEFAULTED TO 'F'.

DBEDAC37

  MSG   FIELD FORMAT $01 INVALID. REENTER

DBEDAC38

  MSG   CANNOT CHANGE TO FIELD FORMAT $01. REENTER FIELD
      FORMAT

DBEDAC39

  MSG   $01 INVALID FIELD LENGTH VALUE. REENTER

DBEDAC40

  MSG   FIELD NAME $01 INVALID. REENTER

DBEDAC41

  MSG   FIELD NAME $01 INVALID. REENTER

DBEDAC42

  MSG   FIELD $01 ALREADY EXISTS. REENTER FIELDNAME

DBEDAC43

  MSG   FIELD $01 DOES NOT EXIST. REENTER FIELDNAME

DBEDAC44

  MSG   FIELD TYPE $01 INVALID. REENTER

DBEDAC45

MSG   KEY IS  NCT AILCWED TO BE  A BIT FIELD. REENTER
      FIELD TYPE

DBEDAC46

   MSG   FIELDNAME $01 INVALID. ON  WHICH  FILE  DOES
         DEFINING BASE FIELD RESIDE?

DBEDAC47

   MSG   FORMATTING ROUTINE NAME $01 INVALID. REENTER

DBEDAC48

   MSG   FIELD NAME $01 INVALID. REENTER

DBEDAC49

   MSG   FIELD IS  TOO  LONG  TO  BE INDEXED.  NO  INDEX
         CREATED FOR THIS FIELD.

DBEDAC50

   MSG   VALUE $01  IS INVALID. IS  INDEX KEY  TC  BE  IN
         INTERNAL CR EXTERNAL FORM?

DBEDAC51

   MSG   OFFSET VALUE $01 INVALID. REENTER

DBEDAC52

   MSG   FIELDNAME $01 INVALID. ON WHICH SUBFILE IS FIELD
         TO BE PLACED?

DBEDAC53

   MSG   FIELD LENGTH  IS  TO  LARGE  FOR  INDEX  TO  BE
         SPANNED. INDEX NCT SPANNED.

DBEDAC54

   MSG   A   SUBFIELD  CANNOT   BE   INDEXED.  FIELD  NOT
         INDEXED.

DBEDAC55

   MSG   SPECIFIED ASSOCIATED FILE  FOR THE  FIELD IS NOT
         THE SAME AS THE DEFINING BASE  FIELD. CORRECTION
         MADE.

DBEDAC56

MSG   SPECIFIED SUBFILE FOR THIS FIELD IN NOT THE SAME
      AS THE DEFINING BASE FIELD. CORRECTION MADE.

DBEDAC57

  MSG   FIELD NAME   $01 INVALID. ENTER THE DEFINING BASE
        FIELD NAME

DBEDAC58

  MSG   UNIQUENESS VALUE $01 INVALID. REENTER

DBEDAC59

  MSG   VALIDATION ROUTINE NAME $01 INVALID. REENTER

DBEDAC60

  MSG   ALL ASSOCIATED   FILES   ASSIGNED.   FIELD   NOT
        ASSOCIATED.

DBEDAC61

  MSG   ALL INDEX FILES ASSIGNED. NO INDEX CREATED.

DBEDAC62

  MSG   FIELDNAME $01 IS RESERVED. REENTER

DBEDAC63

  MSG   NOT ALLOWED TO CHANGE  TO  A PIT  FIELD. REENTER
        FIELD TYPE

DBEDAC64

  MSG   CANNOT  CHANGE  FIELD  TO  AN   ELEMENTAL  FIELD
        BECAUSE  ANOTHER  FIELD  IS  DEFINED  ON   THIS
        FIELD.

DBEDAC65

  MSG   CANNOT MAKE FIELD A SUBFIELD AS THERE IS ALREADY
        ANOTHER FIELD DEFINED ON THIS FIELD.

DBEDAR01

  MSG   ENTER NEW FIELDNAME

DBEDAR02

  MSG   ENTER OLD FIELDNAME

DBEDARO3

  MSG  FIELDNAME $01 IS INVALID. REENTER NEW FIELDNAME

DBEDARO4

  MSG  FIELDNAME  $01  ALREADY  EXISTS.  REENTER  NEW
      FIELDNAME

DBEDARO5

  MSG  FIELDNAME $01  IS A  RESERVED NAME. REENTER  NEW
      FIELDNAME

DBEDARO6

  MSG  FIELDNAME  $01  DOES  NOT  EXIST.  REENTER  OLD
      FIELDNAME

DBEDARO7

  MSG  $01  IS  A  RESERVED  FIELDNAME.  REENTER  OLD
      FIELDNAME

DBEDCPO1

  MSG  ERROR ($01) ON FILE $02

  EXP  ASSEMBLER  ROUTINE  ERROR  $01  OCCURED ON  FILE
      $02.

DBEDCPO2

  MSG  NO CHECKPOINTED DATA SET TO RESTORE FROM.

DBEDCSO1

  MSG  ON  WHICH  ASSOCIATED  FILE  IS  FIELD  TO  BE
      PLACED?

DBEDCSO2

  MSG  IS FIELD TO BE ASSOCIATED (Y OR N)?

DBEDCSO3

  MSG  ENTER FIELD NAME

DBEDCSO4

  MSG  HOW  MANY  SUBFILE  RECORDS  PER  PARENT  KEY
      RECORD?

DBEDCS05

    MSG   FIELD NAME $01 INVALID. ON WHICH ASSOCIATED FILE
           IS FIELD TO BE PLACED?

DBEDCS06

    MSG   BOOLEAN RESPONSE $01 INVALID. REENTER

DBEDCS07

    MSG   FIELD NAME $01 INVALID. REENTER

DBEDCS08

    MSG   FIELD $01 ALREADY EXISTS. REENTER FIELDNAME

DBEDCS09

    MSG   FIELDNAME $01 IS RESERVED. REENTER FIELDNAME

DBEDCS10

    MSG   $01 INVALID FOR MAXIMUM NUMBER OF RECORDS.
           REENTER

DBEDCS11

    MSG   ALL SUBFILES HAVE BEEN ASSIGNED. NO SUBFILE
           CREATED

DBEDCS12

    MSG   ALL ASSOCIATED FILES ASSIGNED. FIELD NOT
           ASSOCIATED.

DBEDDE01

    MSG   $01 COMMAND FOR UPDATE MODE ONLY. REENTER

DBEDDE02

    MSG   $01 COMMAND FOR CREATE MODE ONLY. REENTER

DBEDDE03

    MSG   $YOU HAVE NOT FILE'D. ENTER Y TO END

DBEDDE04

    MSG   ENTER

DBEDDE05

    MSG   ENTER FILE NAME

DBEDDE06

  MSG   $01 INVALID COMMAND. REENTER

DBEDDE07

  MSG   FILENAME $01 INVALID. REENTER

DBEDDE08

  MSG   RESTORE NOT ALLOWED IN UPDATE MODE. REENTER FILE
        NAME

DBEDDE09

  MSG   ENTER KEY

DBEDDE10

  MSG   CCMMAND NCT ADD. REENTER KEY

DBEDDE11

  MSG   ERROR   IN   LOADING   FILE   $01.   ONCODE=$02,
        FIELDNAME=$03

DBEDDE12

  MSG   ENTER DESCRIPTOR EDITOR MODE

DBEDDE13

  MSG   MODE $01 INVALID.REENTER

DBEDDI01

  MSG   X.FIELD_PTR=$01,  RECLEN=$02,  LAST=$03,  #=$04

        CNT FLD NAME  POINTER

DBEDDI02

  MSG     ALPHA    ALPHANUMERIC   ARG_PTR   ASSOC_NAMES
        ERR_FLAG   FIELD_PTR  FLD_LAST  FLD_PTR  FLD_TAB
        FSEC_PTR HDR_PTR  HEAD_TAB

DBEDDI03

  MSG     A    CF   ONFIELD   D SYS ERROR.A ONCODE   CNT
        RCUTINE  CNT ONRETURN  ONFILE

DBEDDI04

```
          MSG   INIT OP  CNFIELD  SYS  ONCODE  CNT  ROUTINE  CNT
                ONRETURN ONFILE   OLFILE  OWNER_ID DSNAME

     DBEDDI05

          MSG   BACKWARD  FCRWARD   FLD  NAME   ASSOCFIL  SUBFIL
                INVFILE READONLY SUBCNTRL VARFLD BITFLD NUMALIGN
                VARELT UNIQELT INDEXEXT

     DBEDDI06

          MSG   GENERCRT   VALIDRTN  REFORMAT  FLDPOSIT   ELTLIM
                VALIDARG   NAMEFLD  SECURITY  BASEFLD     OFFSET
                FILELIST CHANGED

     DBEDDI07

          MSG   ACC SAV FC CURRF LASTF ARR_S

     DBEDDI08

          MSG   HEX_CHARS INDEX_NAMES  IOAREA    LVA    PAT_FILE
                PAT_FIELD    RSEC_PTR    SUBFILE_NAMES    SUFFIX
                SUPER_PTR CHKPCINT_RECLEN

     DBEDDI09

          MSG   HDR_PTR  BACKWARD  FCRWARD  SUFF  FILTYP  DESCRCT
                BSEING DESCCK SPANED  DATA MNTNABLE MNTNING LOAD
                RSECFP RSECTYCD CHANGE

     DBEDDI10

          MSG   RESERVED.LAST_#   ASSOC_LIST   CREATEF   DATAPLEX
                DELETE_FILES EXIST_FILES  FILE_EXISTS INDEX_LIST
                #FN  LOAD_ERROR

     DBEDDI11

          MSG   X.RSEC_PTR=$01, #=$02, CHANGED=$03
CODE=MASK

     DBEDDI12

          MSG   NEED_FILE SUBFILE_LIST  DELETE.KEY_NAME

     DBEDDI13

          MSG   DELETE
  FIELD   IDS

     DBEDDI14

          MSG   ASSCCLIST CREATEF PLEX                 DELETE_FILES
                EXIST_FILES              EXISTS   INDEXLIST
```

DBEDDI15

    MSG   NEED  SUBFILIIST  ARG_PTR  ERR  FIELDPTR FLD_PTR
          FSEC_PTR  HDR_PTR  LVA PATFIL  PATFIELD RSEC_PTR
          SUPERPTR DELETKEY DEL

DBEDDI16

    MSG  FLD_LAST PCINTERS

DBEDDI17

    MSG  FLD_TAB POINTERS

DBEDDI18

    MSG  HEAD_TAB PCINTERS

DBEDDI19

    MSG   FILENAME   DTP    FCBP   KYC CURR LOCK  WRIT
          REWR CLOS CPEN RECNT

DBEDDI20

    MSG  FLD IS UNDEFINED.

DBEDDI21

    MSG  FLD_PTR = $01

DBEDDI22

    MSG  X.FSEC_PTR=$01, #=$02, CHANGED=$03

DBEDDI23

    MSG·SECURITY UNDEFINED.

DBEDDI24

    MSG  ENTER FIELDNAME

DBEDDI25

    MSG     DSNAME SAV FC CURR LAST ARRS

DBEDDI26

    MSG  ENTER FIELDNAME

DBEDDI27

```
        MSG   ENTER HEADER ID

    DBEDDI28

        MSG   ENTER INTERNAL NAME

    DBEDDI29

        MSG   ENTER DISPLAY TYPE

    DBEDDI30

        MSG   HDR UNDEFINED.

    DBEDDI31

        MSG   HDR_PTR=$01

    DBEDDI32

        MSG   $01 INVALID FIELDNAME. REENTER

    DBEDDI33

        MSG   $01 INVALID HEADER ID. REENTER

    DBEDDI34

        MSG   $01 INVALID INTERNAL NAME. REENTER

    DBEDDI35

        MSG   $01 INVALID DISPLAY TYPE. REENTER

    DBEDDI36

        MSG   HEADER $01 IS UNDEFINED.

    DBEDDI37

        MSG   $01

    DBEDDI38

        MSG   FIELDNAMES

    DBEDDI39

        MSG   LAST#=$01
FIELDNAMES

    DBEDDI40

        MSG   RECSEC UNDEFINED.
```

DBEDDI41

  MSG   RSEC_PTR=$01

DBEDDI42

  MSG   X.SUPER_PTR=$01, #=$02, CHANGED=$03

DBEDDI43

  MSG   SUPER UNDEFINED.

DBEDDI44

  MSG   SUPER_PTR=$01

DBEDDI45

  MSG   $01 $02

DBEDDI46

  MSG   X.ARG_PTR=$01, LENGTH=$02, ARGUMENT=$03

DBEDDI47

  MSG   VALID UNDEFINED.

DBEDDI48

  MSG   ARG_PTR=$01

DBEDDI49

  MSG   TO NEXT LINE CONTAINS SAME AS ABOVE.

DBEDDI50

  MSG   CNT    FIELD NAME    POINTER

DBEDDI51

  MSG          FILENAME       DTP     FCBP    KYC CURR
      LOCK WRIT REWR CLOS OPEN RDCT

DBEDDI52

  MSG   BACKWARD  FORWARD     FIELD   NAME     ASSOCFIL
      SUBFIL  INVFILE READONLY  SUBCNTRL VARFID BITFID
      NUMALIGN VARELT UNICELT I

DBEDDI53

```
    MSG          GENERCRT             VALIDRTN          REFORMAT
          FLDPOSIT   FLDLEN ELTLIM ELTLEN VALIDARG   NAMEFLD
          SECURITY
```

DBEDDI54

```
    MSG          ASSOC_LIST     ERR_FLAG              INDEX_LIST
          SUBFILE_LIST
```

DBEDDI55

```
    MSG   DELETE_FILES
```

DBEDDI56

```
    MSG          BASEFLD        OFFSET FILELIST CHANGED
```

DBEDDI57

```
    MSG      #          CHANGED
```

DBEDDI58

```
    MSG   # DELETED FIELDS=$01
```

DBEDDI59

```
    MSG   ARG_PTR CREATF  DATAPLEX  FIELD# FIELDPTR EXISTS
          FLD_PTR FSEC_PTR HDR_PTR HEAD# ERR   LVA NEED #FN
          RSEC_PTR SUPERPT
```

DBEDDL01

```
    MSG   ENTER FIELD TO BE DELETED
```

DBEDDL02

```
    MSG   FIELD $01 DOES NOT EXIST. REENTER
```

DBEDDL03

```
    MSG   CANNOT DELETE KEY FIELD. REENTER
```

DBEDDL04

```
    MSG   THE  FIELD TO  BE DELETED IS A COMPONENT OF  THE
          FOLLOWING SUPERFIELDS - $01.
```

DBEDDL05

```
    MSG   THE FIELD TO BE DELETED HAS THE FOLLOWING FIELDS
          DEFINED ON IT - $01
```

DBEDDL06

    MSG   CANNOT   DELETE THE SUBFILE CONTROL FIELD  BEFORE
           ALL OTHER  FIELDS FROM THE  SUBFILE ARE DELETED.
           REENTER

DBEDDL07

    MSG   FIELD $01 IS A RESERVED FIELD. REENTER  FIELD TO
           BE DELETED

DBEDDP01

    MSG   ENTER DIRECTION

DBEDDP02

    MSG   ENTER FIELD NAME

DBEDDP03

    MSG   DIRECTION $01 INVALID. REENTER

DBEDDP04

    MSG   FIELD NAME $01 INVALID. REENTER

DBEDDP05

    MSG   NO MORE INFORMATION BACKWARD

DBEDDP06

    MSG   NO MORE INFORMATION FORWARD

DBEDFD01

    MSG   ENTER DIRECTION

DBEDFD02

    MSG  DIRECTION $01 INVALID. REENTER

DBEDFD03

    MSG   NO MORE INFORMATION BACKWARD.

DBEDFD04

    MSG   NO MORE INFORMATION FORWARD.

DBEDFI01

        MSG   DATA BASE ERROR $01 ON FILE $02. FIELD NAME=$03,
              OPERATION=$04, KEY=$05

DBEDFIO2

    MSG   ARE DESCRIPTORS COMPLETE (Y OR N)?

DBEDFIO3

    MSG   $01 INVALID   RESPONSE.   ARE DESCRIPTORS COMPLETE
          (Y OR N)?

DBEDFS01

    MSG   ENTER FIELD NAME

DBEDFS02

    MSG   ENTER SECURITY CODE

DBEDFS03

    MSG   ADD-DELETE  INDICATOR  IN  $01 INVALID.  REENTER
          SECURITY CODE

DBEDFS04

    MSG   FIELD NAME $01 INVALID. REENTER

DBEDFS05

    MSG   NO  SECURITY  IS PERMITTED  ON  THE  KEY  FIELD.
          REENTER FIELD NAME

DBEDFS06

    MSG   SECURITY  CODE   IN  $01   IS  INVALID.   REENTER
          SECURITY CODE

DBEDFS07

    MSG   TOO MANY  SECURITY CODES ON  FIELD $01. SECURITY
          CODE $02 IGNORED.

DBEDGA01

    MSG   ON  WHICH  ASSOCIATED  FILE  IS  FIELD  TO  BE
          PLACED?

DBEDGA02

    MSG   IS FIELD TO BE ASSOCIATED?

DBEDGA03

   MSG   FIELD NAME $01 INVALID. ON WHICH ASSOCIATED FILE
       IS FIELD TC BE PLACED?

DBEDGA04

   MSG   BOOLEAN RESPONSE $01 INVALID. REENTER

DBEDGA05

   MSG   ALL   ASSOCIATED   FILES   ASSIGNED.   NO   FILE
       CREATED.

DBEDGF01

   MSG   FIELD NAME $01 INVALID. REENTER

DBEDGF02

   MSG   FIELD NAME $01 INVALID. REENTER

DBEDGF03

   MSG   FIELD $01 AIREADY EXISTS. REENTER FIELDNAME

DBEDGF04

   MSG   FIELD $01 DOES NCT EXIST. REENTER FIELDNAME

DBEDGF05

   MSG   FIELDNAME $01 IS RESERVED. REENTER FIELDNAME

DBEDGR01

   MSG   ENTER VALIDATION ARGUMENT

DBEDGR02

   MSG   ENTER ROUTINE NAMES AND ARGUMENT

DBEDGR03

   MSG   ENTER FORMATTING ROUTINE NAME

DBEDGR04

   MSG   ENTER VALIDATION ROUTINE NAME

DBEDGR05

   MSG   VALIDATICN ARGUMENT $01 INVALID. REENTER

DBEDGRO6

  MSG   CONVERSICN ROUTINE $01 INVALID. REENTER

DBEDGRO7

  MSG   FORMATTING ROUTINE NAME $01 INVALID. REENTER

DBEDGRO8

  MSG   VALIDATICN ROUTINE NAME $01 INVALID. REENTER

DBEDINO1

  MSG   ERRCR WHILE ADDING KEY FIELD. EDIT TERMINATED.

DBEDINO2

  MSG   FILE $01 NCT EXISTENT. REENTER

DBEDINO3

  MSG   DATA BASE ERROR $02 ON FILE $01. REENTER

DBEDINO4

    MSG   ERRCR   IN   LOADING   FILE   $01.   ONCODE=$02,
       FIELDNAME=$03

DBEDINO6

  MSG   ENTER FILE NAME

DBEDINO7

  MSG   ENTER KEY

DBEDINO8

  MSG   ENTER DESCRIPTCR EDITOR MODE

DBEDINO9

  MSG   FIELDNAME $01 INVALID. REENTER

DBEDIN10

  MSG   CCMMAND NCT ADD. REENTER KEY

DBEDIN11

  MSG   MODE $01 INVALID. REENTER

DBEDM001

  MSG   ENTER NEW POSITION FIELDNAME

DBEDM002

  MSG   ENTER FIELD NAME TO BE MOVED

DBEDM003

  MSG   FIELD $01  DOES  NOT EXIST. REENTER NEW POSITION
        FIELDNAME

DBEDM004

  MSG   FIELD $01 DOES  NOT EXIST. REENTER NEW  POSITION
        FIELDNAME

DBEDM005

  MSG   FIELD $01 DOES  NOT EXIST. REENTER  NEW POSITION
        FIELDNAME

DBEDM006

  MSG   CANNOT MOVE FIELD $01. REENTER FIELDNAME  TO  BE
        MOVED

DBEDM007

  MSG   FIELD TO  BE MOVED $01  IS NOT ON THE SAME FIELD
        LIST AS THE  NEW POSITION  FIELD. REENTER  FIELD
        NAME TO BE MOVED

DBEDM008

  MSG   THE NEW  POSITION FIELDNAME $01 AND THE FIELD TO
        BE MOVED ARE THE  SAME FIELD. REENTER  THE FIELD
        TO BE MOVED

DBEDM009

  MSG   CANNOT MOVE A  REDEFINED FIELD. REENTER FIELD TO
        BE MOVED

DBEDM010

  MSG   A SUPERFIELD HAS NO FIELD  POSITION. REENTER NEW
        POSITION FIELDNAME

DBEDM011

  MSG   CANNOT MOVE A  SUPERFIELD. REENTER  FIELD TO  BE

MOVED

DBEDPA01

  MSG  ENTER PATCH

DBEDPA02

  MSG  INVALID: THE FIELD  IN   $01  IS   THE  KEY FIELD. REENTER PATCH

DBEDPA03

  MSG  CANCELLED: NO RECORD CURRENT.

DBEDPA04

  MSG  PATCH $01 IS INVALID. REENTER

DBEDPA05

  MSG  FIELD NAME IN $01 IS INVALID. REENTER PATCH

DBEDPG01

  MSG  ENTER DIRECTION

DBEDPG02

  MSG  DIRECTION $01 INVALID. REENTER

DBEDPG03

  MSG  NO MORE INFORMATION BACKWARDS.

DBEDPG04

  MSG  NO RECORD CURRENT

DBEDPG05

  MSG  NO MORE INFORMATION FORWARD.

DBEDPR01

  MSG  ERROR IN ASM$01. ERROR=$02.

DBEDRS01

  MSG  ENTER DEFINING FIELD NAME

  EXP  ASSEMBLER ROUTINE  ERROR  $01  OCCURED  ON  FILE $02.

DBEDRS02

  MSG  ENTER SECURITY

DBEDRS03

  MSG  ADD-DELETE   CODE   IN   $01   INVALID.   REENTER
      SECURITY

DBEDRS04

  MSG    FIELD  $01  DOES NOT  EXIST. REENTER  DEFINING
      FIELD NAME'

DBEDRS05

  MSG  SECURITY MASK IN $01 INVALID. REENTER SECURITY

DBEDRS06

  MSG  SECURITY IN $01 INVALID. REENTER SECURITY

DBEDRS07

  MSG  NO SECURITY CODE IN $01. REENTER SECURITY

DBEDRS08

  MSG  NO ROOM FOR SECURITY $01

DBEDRS09

  MSG  FIELD $01 UNACCEPTABLE. REENTER DEFINING FIELD

DBEDRS10

  MSG  NO RECORD SECURITY ON FILE DEFINED BY $01

DBEDRT01

  MSG  ERROR ($01) ON FILE $02.

DBEDRV01

  MSG  DATA BASE ERROR $01 ON RECORD $02. FIELD=$03.

DBEDRV02

  MSG  ENTER DIRECTION

DBEDRV03

  MSG  ENTER DESCRIPTOR REGION

DBEDRVO4

  MSG  ENTER FIELD NAME

DBEDRVO5

  MSG  DIRECTION $01 INVALID. REENTER

DBEDRVO6

  MSG  REGION $01 INVALID. REENTER

DBEDRVO7

  MSG  REGION $01 DOES NCT EXIST. REENTER

DBEDRVO8

  MSG  FIELD $01 INVALID. REENTER

DBEDRVO9

  MSG  NO MORE INFCRMATICN BACKWARDS.

DBEDRV10

  MSG  NO MORE INFORMATICN FORWARD.

DBEDRV11

  MSG  NO RECORD CURRENT.

DBEDSS01

  MSG  ENTER STRATEGY NAME

DBEDSS02

  MSG  $01 INVALID STRATEGY NAME. REENTER

DBEDSS03

  MSG  STRATEGY  $01  ALREADY  EXISTS. REENTER STRATEGY
      NAME

DBEDST01

  MSG  CONVERSION ERROR IN SETTING VARIABLE.

DBEDST02

  MSG  ENTER FIELD NAME

DBEDST03

  MSG  ENTER HEADER ID

DBEDST04

  MSG  ENTER PATCH

DBEDST05

  MSG  ENTER SET TYPE

DBEDST06

  MSG  ENTER VARIABLE NAME

DBEDST07

  MSG  $01 INVALID BINARY NUMBER.

DBEDST08

  MSG  $01 INVALID BIT STRING.

DBEDST09

  MSG  $01 INVALID FIELDNAME. REENTER

DBEDST10

  MSG  $01 INVALID HEADER ID. REENTER

DBEDST11

  MSG  $01 INVALID HEXADECIMAL STRING.

DBEDST12

  MSG  $01 INVALID INDEX. REENTER VARIABLE NAME

DBEDST13

  MSG  $01 INVALID SET TYPE. REENTER

DBEDST14

  MSG  $01 INVALID VARIABLE NAME. REENTER

DBEDST15

  MSG  NO FIELD SECURITY FOR THIS FIELD.

DBEDST16

MSG   $01 IN AN UNDEFINED FILE. REENTER HEADER ID

DBEDST17

MSG   NO RECORD SECURITY FOR THIS FILE.

DBEDST18

MSG   THIS FIELD IS NOT A SUPERFIELD.

DBEDST19

MSG   THIS FIELD HAS NO VALIDATION ARGUMENT.

DBEDSU01

MSG   ENTER VALIDATION ARGUMENT

DBEDSU02

MSG   ENTER CONVERSION ROUTINE NAME

DBEDSU03

MSG   ENTER LIST OF SUPERFIELD COMPONENTS

DBEDSU04

MSG   ENTER NAME CF SUPERFIELD

DBEDSU05

MSG   ENTER FORMATTING ROUTINE NAME

DBEDSU06

MSG   ENTER VALIDATION ROUTINE NAME

DBEDSU07

MSG   VALIDATION ARGUMENT $01 IS INVALID. REENTER

DBEDSU08

MSG   ROUTINE  NAME $01 IS INVALID. REENTER CCNVERSION
      ROUTINE NAME

DBEDSU09

MSG   FIELDNAME  IN  $01  INVALID.  REENTER SUPERFIELD
      COMPCNENT

DBEDSU10

MSG   AlREADY   ONE   MULTI_ELEMENT FIELD   IN THIS SUPER
      FIELD.   CANNOT   ACCEPT   $01.   REENTER SUPERFIELD
      COMPONENT

DBEDSU11

   MSG   ALREADY HAVE CCMPONENTS FROM ONE SUBFILE. CANNOT
         ACCEPT $01. REENTER SUPERFIELD COMPONENT

DBEDSU12

   MSG   FIELD $01 IS INVALID. REENTER

DBEDSU13

   MSG   FIELD   $01   ALREADY   EXISTS.   REENTER SUPERFIELD
         NAME

DBEDSU14

   MSG   FIELD $01   IS A   RESERVED   FIELD   NAME.   REENTER
         SUPERFIELD NAME

DBEDSU15

   MSG   ROUTINE NAME $01 IS   INVALID. REENTER FORMATTING
         ROUTINE NAME

DBEDSU16

   MSG   INTERNAL-EXTERNAL   INDICATOR   IN   $01   INVALID.
         REENTER SUPERFIELD CCMPONENT

DBEDSU17

   MSG   ROUTINE   NAME $01 IS INVALID. REENTER VALIDATION
         ROUTINE NAME

DBEXPL01

   MSG   $01

DBEXPL08

   MSG   CANCELLED: NC MORE PAGES FORWARD.

   EXP   THE   USER   HAS   SPECIFIED   'PAGE'   DURING   AN
         EXPLANATION,   BUT NO   MORE   DATA REMAINS   TO   BE
         DISPLAYED FCR THE EXPLANATION.

DBEXPL09

   MSG   CANCELLED:   PAGE   BACKWARD   NOT   VALID   FOR

EXPLAIN.

EXP   THE USER HAS SPECIFIED 'PAGE BACKWARD' DURING AN
      EXPLANATION, BUT THE EXPLAIN COMMAND IS NOT
      DESIGNED TO PAGE BACKWARDS. THE USER SHOULD
      REENTER HIS ORIGINAL 'EXPLAIN' COMMAND TO SEE
      THE PREVIOUS PAGES OF THE EXPLANATION AGAIN.

DBEXPL10

MSG   PAGING DIRECTION $01 INVALID, FORWARD ASSUMED.

EXP   THE USER HAS SPECIFIED A 'PAGE' COMMAND WITH AN
      INVALID    'DIRECTON'    SPECIFICATION.    THE
      EXPLANATION IS  PROCEEDING WITH AN ASSUMED 'PAGE
      FORWARD'.

DBEXSRO1

MSG   NUMBER OF RECCRDS SEARCHED $1.

EXP   THE  USER HAS  INTERRUPTED THE SEARCH EXECUTION;
      THIS  MESSAGE  SHOWS   THE  NUMBER  OF   RECORDS
      SEARCHED SC FAR.

DBEXSRO2

MSG   NUMBER OF RECORDS TO SEARCH $1.

EXP   THE USER HAS INTERRUPTED THE SEARCH EXECUTION OF
      A   SET;  THIS  MESSAGE  SHOWS   THE  NUMBER  OF
      RECORDS REMAINING TO BE SEARCHED.

DBEXSRO5

MSG   SEARCH EXECUTION CANCELLED.

EXP   THIS MESSAGE  INDICATES THE  CANCELLATION  OF  A
      SEARCH SPECIFICATION AND ANY SEARCH EXECUTION AS
      A RESULT OF THE CANCEL COMMAND.

DBEXSRO6

MSG   $1

EXP   THE   CCNTENTS   CF   THIS   MESSAGE   ARE   SELF
      EXPLANATORY.

DBEXSRO8

MSG   ERROR: CNCCDE- $1, ONSOURCE- $2, ONKEY- $3.

EXP   A  PI/I  ERROR HAS BEEN  ENCOUNTERED,  THE ERROR

CODE THE POSSIBLE ERROR SOURCE AND A POSSIBLE
ERROR KEY ARE SHOWN. THIS DATA SHOULD BE
CONVEYED TO THE DATA BASE ADMINISTRATOR FOR
POSSIBLE RETRIEVAL SYSTEM DAMAGE.

DBEXSR09

    MSG   A VALID SET COULD NOT BE FOUND TO SEARCH.

    EXP   NO REAL SET COULD BE RESOLVED AS A SEARCH
           UNIVERSE.

DBEXSR11

    MSG   AN EXECUTE IS OUTSTANDING; ISSUE A CANCEL
           COMMAND.

    EXP   THE USER HAS ISSUED AN EXECUTE COMMAND BEFORE
           THE NORMAL OR CANCELED EXECUTION OF A PREVIOUS
           ONE. A CANCEL COMMAND WILL CANCEL ALL SEARCH
           EXECUTION AND SPECIFICATIONS.

DBEXSR12

    MSG   NO SEARCHES HAVE BEEN DEFINED.

    EXP   THE USER HAS ENTERED AN EXECUTE COMMAND BEFORE
           SPECIFYING ANY SEARCHING CRITERIA WITH THE
           SEARCH COMMAND.

DBEXSR16

    MSG   ERROR IN $3 READ- $1, KEY- $2.

    EXP   THE SHOWN FILE HAS PRODUCED A DATA BASE READ
           ERROR AS SHOWN; THE LAST KEY USED IN A READ IS
           ALSO SHOWN.

DBEXSR17

    MSG   LIST ERROR OF $1.

    EXP   WHILE READING OR WRITING A SET LIST OF KEYS, THE
           EXECUTE COMMAND GOT THE SHOWN ERROR NUMBER.
           CONVEY THIS INFORMATION TO THE DATA BASE
           ADMINISTRATOR.

DBEXSR19

    MSG   NO EXECUTE ACTIVE.

    EXP   THE USER HAS ISSUED A CANCEL COMMAND; HOWEVER,
           NO ACTIVE SEARCH IS OUTSTANDING TO CANCEL.

DBEXSR20

    MSG   SEARCH IS SUCCESSFUL.

    EXP   THIS MESSAGE INDICATES THE NORMAL COMPLETION OF A SEARCH EXECUTION.

DBEXSR21

    MSG   S$1 UNRESOLVABLE.

    EXP   THIS DIAGNOSTIC INDICATES THAT THE SHOWN (BOOLEAN) SELECT-DEFINED S-NUMBER COULD NOT BE TRANSFORMED INTO A SET DUE TO AN INCONSISTENCY IN THE SETS IN THE EXPRESSION REPRESENTING THIS S-NUMBER.

DBEXSR22

    MSG   SEARCH SET IS NULL.

    EXP   THIS MESSAGE INDICATES THAT THE SET UPON WHICH THE SEARCH IS DEFINED HAS NO ELEMENTS.

DBEXSR23

    MSG   SET NUMBERS EXCEED SYSTEM LIMIT.

    EXP   THE SEARCH HAS RESULTED IN MORE SETS THAN DEFINABLE UNDER THE CURRENT MAXIMUM SET NUMBER.

DBEXSR24

    MSG   SEARCHING $1

    EXP   THIS MESSAGE INDICATES THE FILE BEING SEARCHED AT THE TIME OF AN ATTENTION INTERRUPT.

DBEXSR25

    MSG   SUBFILE($1) KEY FIELD NOT FOUND.

    EXP   THIS MESSAGE INDICATES THAT A KEY FIELD COULD NOT BE FOUND FOR THE SHOWN SUBFILE. CONVEY THIS INFORMATION TO THE DATA BASE ADMINISTRATOR.

DBEXSR26

    MSG   SUBFILE($1) CONTROL FIELD NOT FOUND.

    EXP   THIS MESSAGE INDICATES THAT A CONTROL FIELD

COULD NOT BE FOUND FOR THE SHOWN SUBFILE. CONVEY
THIS       INFORMATION       TO       THE       DATA       BASE
ADMINISTRATOR.

DBFLDS97

  MSG   CANCELLED: INVALID DATA IN FLDTAB.

DBFLDS98

  MSG   CANCELLED: NO MORE PAGES $01.

DBFLDS99

  MSG   CANCELLED: FLDTAB NOT YET ALLOCATED.

DBFORM01

  MSG   CANCELLED: NOT IN RETRIEVAL SYSTEM.

  EXP   THE   FORMAT COMMAND  WAS ENTERED  AT DBFORM, BUT
ITS CALLER WAS   NOT THE   NASIS   SYSTEM WHICH   IS
ITS REQUIRED ENVIRONMENT.

DBFORM03

  MSG   ENTER FORMAT NUMBER

  EXP   IDENTIFY A   NEW   CURRENT OR   STORED FORMAT.   THE
KEYWORD IS: FNUMBER.

  RSP   A FORMAT NUMBER (KEYWORD FNUMBER) HAS THE FORM:
    <#>NAME<(<SP><,NP>)> WHERE:
# INDICATES REVISION OF AN OLD FORMAT.
NAME   IS EITHER   A   1-8 CHARACTER   STORED FORMAT
NAME   OR   A   NUMBER FROM 1 TO   25 PRECEEDED,   IF
COLUMNAR, BY 'F'.
SP   IS EITHER 'S' FOR   SCREEN WIDTH   OUTPUT (THE
DEFAULT FOR A   NEW   FORMAT)   OR 'P'   FOR PRINTER
WIDTH OUTPUT (132 COLUMNS) OR OMITTED (NO CHANGE
FOR AN OLD FORMAT).
NP IS EITHER 'P' FOR PAGE NUMBERING (THE DEFAULT
FOR   A   NEW   FORMAT),   OR 'NP'   FOR   NO   PAGE
NUMBERING,   OR   OMITTED   (NO   CHANGE   FOR AN OLD
FORMAT).

DBFORM05

  MSG   CANCELLED: NO FORMAT NUMBER GIVEN.

  EXP   THE FORMAT   COMMAND   WAS   CANCELLED   BECAUSE THE
USER REPLYED (OR   HAS AN   FNUMBER DEFAULT   VALUE
OF) NULL OR   BLANK   TO   A PROMPT   FOR A   FORMAT

NUMBER.

DBFORM07

   MSG   FORMAT NUMBER ($01) INVALID. REENTER

   EXP   THE FORMAT NUMBER IS LESS THAN 1 OR GREATER THAN
         25 OR OMITTED.

   RSP   PLEASE ENTER: '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM09

   MSG   STORED FORMAT ($01) NOT FOUND. REENTER

   EXP   THE STORED FORMAT COULD  NOT BE  FOUND  OR COULD
         NOT BE GOTTEN INTO MAIN STORAGE.

   RSP   ENTER   '/END;FORMATS'   TO  SEE   THE   FORMATS
         CURRENTLY  AVAILABLE   TO   YOU   OR   '/EXPLAIN
         RESPONSE,DBFORM03'.

DBFORM11

   MSG   OUTPUT WIDTH ($01) NOT 'S' OR 'P'. REENTER

   EXP   THE FIRST ARGUMENT IN THE  PARENTHESES AFTER THE
         FORMAT NUMBER OR  NAME (RE)SPECIFIES  THE OUTPUT
         WIDTH FOR A COLUMNAR FORMAT.  IT MUST BE 'S' FOR
         SCREEN WIDTH  (ASSUMED FOR A NEW FORMAT)  OR 'P'
         FOR PRINTER  WIDTH OR OMITTED (NO CHANGE ASSUMED
         FOR AN OLD FORMAT).

   RSP   PLEASE ENTER: '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM13

   MSG   PAGE NUMBERING ($01) NOT 'P' OR 'NP'. REENTER

   EXP   THE SECOND ARGUMENT IN THE PARENTHESES AFTER THE
         FORMAT  NUMBER OR  NAME  (RE)SPECIFIES THE  PAGE
         NUMBERING OPTION FOR A COLUMNAR FORMAT.  IT MUST
         BE 'P'  FOR PAGE  NUMBERING (ASSUMED  FOR  A NEW
         FORMAT) OR 'NP' FOR NO PAGE NUMBERING OR OMITTED
         (NO CHANGE ASSUMED FOR AN OLD FORMAT).

   RSP   PLEASE ENTER: '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM15

   MSG   FORMAT NUMBER  ($01)  NOT  FOUND  FOR  REVISION.
         REENTER

EXP  THE FORMAT NUMBER YOU WISH TO REVISE IS NOT A
     CURRENT FORMAT NUMBER. YOU MAY ENTER:
     /END;FORMATS
     TO SEE THE CURRENT FORMATS.

RSP  ENTER:    '/END;FORMATS'    OR    '/EXPLAIN
     RESPONSE,DBFORM03'.

DBFORM17

   MSG  NO ROOM FOR PAGE NUMBERING ($01). REENTER

   EXP  THE SECOND ARGUMENT IN THE PARENTHESES AFTER THE
        FORMAT NUMBER OR NAME IS 'P' INDICATING THAT
        THE USER WISHES TO ADD PAGE NUMBERING TO AN OLD
        FORMAT. THERE IS NO ROOM FOR A PAGE NUMBERING
        LINE BECAUSE THERE ARE ALREADY 9 TITLE AND/OR
        HEADER LINES.

   RSP  RE-ENTER THE FORMAT NUMBER WITHOUT REQUESTING
        PAGE NUMBERING, OR DELETE ONE TITLE OR HEADER
        LINE AND THEN RE-ENTER THE FORMAT COMMAND AND
        FORMAT NUMBER RE-REQUESTING PAGE NUMBERING.

DBFORM19

   MSG  DUPLICATE FORMAT NUMBER ($01). REENTER

   EXP  YOUR NEW FORMAT NUMBER IS ALREADY A CURRENT
        FORMAT NUMBER.

   RSP  ENTER '/END;FORMATS' TO SEE THE CURRENT FORMAT
        NUMBERS OR '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM21

   MSG  ENTER FORMAT SUBCOMMAND

   EXP  THE FORMAT COMMAND IS READY TO REVISE (FIELD,
        TITLE OR HEADER), DISPLAY, NAME, STORE OR END
        THE CURRENT FORMAT OR TO ACCEPT ANOTHER FORMAT
        COMMAND.

   RSP    THE VALID FORMAT SUBCOMMANDS ARE:
        FIELD    FLDSPEC=FIELD-SPECIFICAION(S)
        FIELDS   <;PAGE <B>>
        TITLE
        <TTILINE=LINE-NUMBER><,TTLSPEC=TITLE-VALUE>
        HEADER
        DISPLAY  <;PAGE <B>>
        NAME     FMTNAME=FORMAT-NAME
        STORE    <FMTNAME=FORMAT-NAME>
        FORMATS  <;PAGE <B>>

```
          FORMAT                    FNUMBER=FORMAT-NUMBER
          <,FLDSPEC=FIELD-SPECIFICATION(S)>
          END
```

DBFORM23

   MSG   CANCELLED: INVALID SUBCOMMAND ($01). ENTER

   EXP   THE COMMAND YOU ENTERED IS NOT A VALID FORMAT
         SUBCOMMAND.  IF YOU WISH TO DO A RETRIEVAL
         SYSTEM COMMAND, YOU MUST FIRST ENTER AN 'END;'
         CCMMAND TO TERMINATE THE CURRENT FORMAT
         PROCESSING.

   RSP   PLEASE ENTER: 'EXPLAIN RESPONSE,DBFORM21'.

DBFORM25

   MSG   CANCELLED: ($01) COMMAND INVALID FOR PREDEFINED
         FORMATS 1-5. ENTER

   EXP   THE PREDEFINED SEQUENTIAL FORMATS MAY NOT BE
         REVISED.

   RSP   YOU MAY COPY A PREDEFINED SEQUENTIAL FORMAT AND
         THEN REVISE THE COPY BY ENTERING:
            STORE COPY;NAME OID;FORMAT #COPY;FIELD
         OR ENTER '/EXPLAIN RESPONSE,DBFORM21'.

DBFORM27

   MSG   ENTER FIELD SPECIFICATION(S)

   EXP   ENTER CNE CR MCRE FIELD SPECIFICATIONS FOR THE
         CURRENT FORMAT.  THE KEYWORD IS: FLDSPEC.

   RSP   A FIELD SPECIFICATION (KEYWORD FLDSPEC) HAS THE
         FORM:
         NNNN<(<CCC><,TSA>)> FOR ADDITION WHERE:
            NNNN IS A 1-8 CHARACTER FIELD NAME.
            CCC IS A 1-8 CHARACTER FIELD NAME ALREADY IN
         THE FORMAT (FOR INSERTION) OR A 1-3 DIGIT COLUMN
         POSITION (COLUMNAR ONLY).
            TSA FOR A COLUMNAR FCRMAT IS 'T' FOR ELEMENT
         TALLYING, 'S' FOR ELEMENT SUMMING, 'A' FOR
         ELEMENT AVERAGING OR A COMBINATION SUCH AS
         'ST'.
         EEEE=FOR DELETICN OR
         EEEE=NNNN<(<CCC><,TSA>)> FOR REPLACEMENT WHERE:
            EEEE IS A 1-8 CHARACTER FIELD NAME ALREADY IN
         THE FORMAT.

DBFORM29

MSG  INVALID   FIELD   SPECIFICATION   SYNTAX   ($01).
     REENTER

EXP  THE   SINGLE   FIELD   SPECIFICATION   COULD NOT   BE
     PROCESSED BECAUSE ITS SYNTAX IS INVALID.

RSP  ENTER: '/EXPLAIN  RESPONSE,DBFORM27' OR CARRIAGE
     RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM31

MSG  FIELD ($01) NCT FCUND IN FORMAT.  REENTER

EXP  THE   SINGLE   FIELD   SPECIFICATION   WAS   NOT   BE
     PROCESSED BECAUSE THE FIELD NAME, EXPECTED TO BE
     ALREADY PRESENT IN THE FORMAT, WAS NOT FOUND.

RSP  ENTER: 'END;DISPLAY' TO SEE WHAT FIELD NAMES ARE
     ALREADY IN THE FORMAT (FOR A COLUMNAR FORMAT,  A
     'HEADER;'   CCMMAND   BEFORE   THE   'DISPLAY'   WILL
     HELF)  OR CARRIAGE  RETURN TO  BYPASS THE. FIELD
     SPECIFICATICN OR '/EXPLAIN RESPONSE,DBFORM27'.

DBFORM33

MSG  INVALID FIELD NAME ($01). REENTER

EXP  THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
     BECAUSE THE NEW FIELD NAME IS NCT PRESENT ON THE
     CURRENT DATAPLEX  FILE OR IS  NOT  PERMITTED  TO
     YOUR NASIS-ID.

RSP  ENTER  '/ENC;FIELDS'  TO  SEE  WHAT  FIELDS  ARE
     AVAILABLE   ON   THE   CURRENT   DATAPLEX  FILE   OR
     '/END;RETRIEVE   FILE=DATAFILE'   TO   CHANGE   TO
     ANOTHER   DATAPLEX   FILE  OR CARRIAGE   RETURN   TO
     BYPASS   THE   FIFLD   SPECIFICATION   OR   '/EXPLAIN
     RESFONSE,DBFORM27'.

DBFORM35

MSG  COLUMN PCSITION ($01) INVALID. REENTER

EXP  THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
     BECAUSE THE  COLUMN REQUESTED  WAS LESS THAN  2,
     GREATER THAN THE OUTPUT WIDTH, WITHIN ONE COLUMN
     OF ANOTHER FIELD OR OMITTED.

RSP  ENTER  '/ENC;DISPLAY' TO SEE  WHAT COLUMNS WOULD
     BE VALID OR CARRIAGE RETURN TO BYPASS THE  FIELD
     SPECIFICATICN CR '/EXPLAIN RESPONSE,DBFORM27'.

DBFORM37

MSG   INVALID SUMMARY OPTION ($01). REENTER

EXP   THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
BECAUSE THE SUMMARY OPTION HAS A CHARACTER
OTHER THAN 'T', 'S' OR 'A'.

RSP   ENTER '/EXPLAIN RESPONSE,DBFORM27' OR CARRIAGE
RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM39

MSG   DUPLICATE FIELD NAME ($01). REENTER

EXP   THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
BECAUSE THE NEW FIELD NAME IS ALREADY PRESENT
IN THE SEQUENTIAL FORMAT.

RSP   ENTER ANOTHER FIELD SPECIFICATION OR CARRIAGE
RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM41

MSG   FORMAT IS FULL. ($01) REENTER

EXP   THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
BECAUSE THERE IS NO ROOM FOR ANOTHER FIELD
SPECIFICATION IN THE FORMAT.

RSP   ENTER CARRIAGE RETURN TO BYPASS THE FIELD
SPECIFICATION OR ENTER ONE FIELD SPECIFICATION
DELETING OR REVISING AN EXISTING FIELD IN THE
FORMAT OR ENTER '/END;DISPLAY' TO SEE THE FORMAT
(A 'HEADER;' COMMAND BEFORE THE 'DISPLAY' WILL
HELP TO SEE A COLUMNAR FORMAT). IF A SCREEN
WIDTH COLUMNAR FORMAT WAS MEANT TO BE PRINTER
WIDTH, YOU MAY ENTER '/END;FORMAT #FNN(P)' TO
ENLARGE THE FORMAT AND THEN THE FURTHER FIELD
SPECIFICATIONS.

DBFORM43

MSG   INVALID TO SPECIFY COLUMN ($01). REENTER

EXP   THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
BECAUSE A COLUMN POSITION WAS SPECIFIED BUT THE
FIRST FIELD SPECIFICATION FOR THE FORMAT DID NOT
SPECIFY A COLUMN POSITION WHICH IMPLIED THAT
THE FIELD POSITIONS WOULD BE AUTOMATICALLY
COMPUTED PROPORTIONALLY.

RSP   RE-ENTER THE FIELD SPECIFICATION WITHOUT
SPECIFYING THE COLUMN POSITION OR, IF YOU REALLY
WANT TO SPECIFY COLUMN POSITIONS, YOU MUST

DELETE ALL FIELD SPECIFICATIONS AND THEN ADD
THEM ALL WITH FIELD POSITIONS (IT MAY BE EASIER
TO START OVER ON A NEW FORMAT) OR ENTER CARRIAGE
RETURN TC BYPASS THE FIELD SPECIFICATION.

DBFORM45

   MSG   ENTER FORMAT NAME

   EXP   ENTER A UNIQUE NAME FOR THE CURRENT FORMAT. THE
        NAME MAY BE USED LATER IN DISPLAY, PRINT, AND
        FORMAT COMMANDS TO REFER TO THIS FORMAT. THE
        KEYWORD IS: FMTNAME.

   RSP   A FORMAT NAME (KEYWORD FMTNAME) IS A 1-8
        CHARACTER ALPHANUMERIC IDENTIFIER BEGINNING WITH
        AN ALPHABETIC LETTER.

DBFORM47

   MSG   INVALID (CODE $01) FORMAT NAME ($02). REENTER

   EXP   THE FORMAT NAME IS INVALID OR OMITTED. THE ERROR
        CODE LETTER SIGNIFIES THE SPECIFIC PROBLEM:
        A: THE NAME CONTAINS AN ILLEGAL CHARACTER.
        B: THE NAME CONFLICTS WITH THE NAME OF A
        SEQUENTIAL FORMAT.
        C: THE NAME CONFLICTS WITH THE NAME OF A
        COLUMNAR FORMAT.
        D: THE FORMAT HAS NO NAME; ONE IS REQUIRED TO
        STORE THE FORMAT.
        E: AN ERROR OCCURRED WHILE ATTEMPTING TO STORE
        THE FORMAT.

   RSP   ENTER '/END;FORMATS' TO SEE WHAT FORMAT NAMES
        ARE ALREADY IN USE OR ENTER '/EXPLAIN
        RESPONSE,DBFORM45'.

DBFORM49

   MSG   CANCELLED: ($01) COMMAND INVALID FOR SEQUENTIAL
        FORMAT. ENTER

   EXP   COMMANDS SUCH AS 'TITLE' AND 'HEADER' ARE ONLY
        VALID FOR A COLUMNAR FORMAT; YOUR CURRENT FORMAT
        IS A SEQUENTIAL FORMAT.

   RSP   PLEASE ENTER: 'EXPLAIN RESPONSE,DBFORM21'.

DBFORM51

   MSG   ENTER TITLE LINE NUMBER

EXP  IDENTIFY A RELATIVE TITLE LINE.  THE KEYWORD IS:
     TTLLINE.

RSP  A TITLE LINE NUMBER  (KEYWORD  TTLLINE) HAS THE
     FORM:
       <<#>NN<D>> WHERE:
     COMPLETE OMISSION INDICATES  THE  NEXT AVAILABLE
     TITLE LINE.
     # INDICATES REVISION OF AN OLD TITLE LINE.
     NN IS A RELATIVE TITLE LINE NUMBER FROM 1-9.
     D  INDICATES DELETION OF AN OLD TITLE LINE  (THE
     '#' PREFIX IS REQUIRED).

DBFORM53

  MSG  INVALID TITLE LINE ($01). REENTER

  EXP  THE TITLE LINE NUMBER IS LESS THAN  1 OR GREATER
       THAN 9 OR NCN-NUMERIC OR OMITTED.

  RSP  PLEASE ENTER '/EXPLAIN RESPONSE,DBFORM51'.

DBFORM55

  MSG  TITLE  LINE  ($01)   NOT  FOUND   FOR  REVISION.
       REENTER

  EXP  THE TITLE LINE NUMBER YOU  WISH TO REVISE IS NOT
       A CURRENT TITLE LINE.

  RSP  ENTER  '/END;DISPLAY' TO SEE  THE  CURRENT TITLE
       LINES OR '/EXPLAIN RESPONSE,DBFORM51'.

DBFORM57

  MSG  DUPLICATE TITLE LINE ($01). REENTER

  EXP  YOUR  NEW TITLE LINE NUMBER IS ALREADY A CURRENT
       TITLE LINE NUMBER.

  RSP  ENTER '/END;DISPLAY'  TO  SEE THE  CURRENT TITLE
       LINES OR '/EXPLAIN RESPONSE,DBFORM51'.

DBFORM59

  MSG  FORMAT TCP IS FULL. ($01) REENTER

  EXP  YOUR   NEW  TITLE  OR  HEADER  LINE   CANNOT  BE
       PROCESSED BECAUSE THERE ARE ALREADY  9 LINES  OF
       PAGE NUMBERING AND/OR TITLES AND/OR HEADERS.

  RSP  EITHER REVISE  AN EXISTING TITLE/HEADER  LINE OR
       DELETE A  PAGE  NUMBERING/TITLE/HEADER  LINE  TO

MAKE ROOM FOR A NEW LINE. YOU MAY ENTER
'/END;DISPLAY' TO SEE HOW THE 9 LINES ARE
CURRENTLY USED. TO DELETE PAGE NUMBERING (IF IT
IS PRESENT), ENTER '/END;FORMAT #FNN(,NP)'.

DBFORM61

   MSG   ENTER TITLE VALUE

   EXP   ENTER THE LITERAL TITLE VALUE TO BE CENTERED IN
        THE CURRENT TITLE LINE. THE KEYWORD IS:
        TTLSPEC.

   RSP   A TITLE VALUE (KEYWORD TTLSPEC) MAY BE NULL IN
        WHICH CASE THE NAME OF THE DATAPLEX FILE BEING
        RETRIEVED WILL BE USED. OTHERWISE ENTER A
        LITERAL TITLE VALUE. TO ENTER LEADING OR
        TRAILING BLANKS (TO OFFSET THE TITLE FROM
        CENTER) OR SPECIAL CHARACTERS SUCH AS ,:()'/ YOU
        MUST ENCLOSE THE VALUE IN SINGLE QUOTE MARKS
        (WHICH WILL NOT BE PART OF THE VALUE) AND DOUBLE
        EACH EMBEDDED SINGLE QUOTE MARK. YOU MAY ENTER
        ' ' TO BLANK THE TITLE LINE.

DBFORM63

   MSG   ENTER HEADER LINE NUMBER

   EXP   IDENTIFY A RELATIVE HEADER LINE. THE KEYWORD
        IS: HDRLINE.

   RSP   A HEADER LINE NUMBER (KEYWORD HDRLINE) HAS THE
        FORM:
          <<#>NN<D>> WHERE:
        COMPLETE OMISSION INDICATES THE NEXT AVAILABLE
        HEADER LINE.
        # INDICATES REVISION OF AN OLD HEADER LINE.
        NN IS A RELATIVE HEADER LINE NUMBER FROM 1-9.
        D INDICATES DELETION OF AN OLD HEADER LINE (THE
        '#' PREFIX IS REQUIRED).

DBFORM65

   MSG   INVALID HEADER LINE ($01). REENTER

   EXP   THE HEADER LINE NUMBER IS LESS THAN 1 OR GREATER
        THAN 9 OR NON-NUMERIC OR OMITTED.

   RSP   PLEASE ENTER '/EXPLAIN RESPONSE,DBFORM63'.

DBFORM67

   MSG   HEADER LINE ($01) NOT FOUND FOR REVISION.

REENTER

EXP   THE HEADER LINE NUMBER YOU WISH TO REVISE IS NOT
A CURRENT HEADER LINE.

RSP   ENTER '/END;DISPLAY' TO SEE THE CURRENT HEADER
LINES OR '/EXPLAIN RESPONSE,DBFORM63'.

DBFORM69

MSG   DUPLICATE HEADER LINE ($01). REENTER

EXP   YOUR NEW HEADER LINE NUMBER IS ALREADY A CURRENT
HEADER LINE NUMBER.

RSP   ENTER '/END;DISPLAY' TO SEE THE CURRENT HEADER
LINES OR '/EXPLAIN RESPONSE,DBFORM63'.

DBFORM71

MSG   ENTER HEADER SPECIFICATION(S)

EXP   ENTER ONE OR MORE HEADER SPECIFICATIONS FOR THE
CURRENT HEADER LINE. THE KEYWORD IS: HDRSPEC.

RSP   IF ALL HEADER SPECIFICATIONS (KEYWORD HDRSPEC)
ARE OMITTED, THEN THE FIELD NAME OF EACH FIELD
SPECIFICATION WILL BE CENTERED OVER THE FIELD
VALUES. OTHERWISE, EACH HEADER SPECIFICATION
SPECIFIES A HEADER VALUE TO BE CENTERED OVER A
CERTAIN FIELD'S VALUES. A HEADER SPECIFICATION
HAS THE FORM: <TEXT><(EEEE)> WHERE:
    TEXT IS EITHER OMITTED, IN WHICH CASE THE
FIELD NAME IS USED, OR A LITERAL HEADER VALUE.
TO ENTER LEADING OR TRAILING BLANKS (TO OFFSET
THE HEADER FROM CENTER) OR SPECIAL CHARACTERS
SUCH AS ,;()'/ YOU MUST ENCLOSE THE VALUE IN
SINGLE QUOTE MARKS (WHICH WILL NOT BE PART OF
THE VALUE) AND DOUBLE EACH EMBEDDED SINGLE QUOTE
MARK. TEXT MAY BE ' ' TO BLANK A HEADER.
    EEEE IS EITHER OMITTED, IN WHICH CASE THE
NEXT FIELD TO THE RIGHT WILL BE HEADED, OR THE
NAME OF THE FIELD TO BE HEADED.
    IF TEXT AND EEEE ARE BOTH OMITTED, THEN THE
"NEXT FIELD" IS ADVANCED BY ONE FIELD TO THE
RIGHT FOR THE FOLLOWING HEADER SPECIFICATION.

DBFORM73

MSG   INVALID HEADER SPECIFICATION SYNTAX ($01).
REENTER

EXP   THE SINGLE HEADER SPECIFICATION COULD NOT BE

PROCESSED BECAUSE ITS SYNTAX IS INVALID.

RSP   ENTER '/EXPLAIN RESPONSE,DBFORM71' OR CARRIAGE
      RETURN TO BYPASS THE HEADER SPECIFICATION.

DBFORM75

MSG   HEADER SPECIFICATION PAST RIGHTMOST FIELD OF
      FORMAT. ($01) REENTER

EXP   THE SINGLE HEADER SPECIFICATION WAS NOT
      PROCESSED BECAUSE YOU OMITTED THE FIELD NAME TO
      BE HEADED AND THERE ARE NO FURTHER FIELDS TO THE
      RIGHT IN THE FORMAT OR THE FORMAT HAS NO FIELD
      SPECIFICATIONS AT ALL.

RSP   ENTER A HEADER SPECIFICATION SPECIFYING THE
      FIELD TO BE HEADED (OR '/EXPLAIN RESPONSE,
      DBFORM71' FIRST) OR ENTER '/END;DISPLAY' TO SEE
      WHAT FIELD NAMES ARE ALREADY IN THE FORMAT (A
      'HEADER;' COMMAND BEFORE THE 'DISPLAY' WILL
      HELP) OR CARRIAGE RETURN TO BYPASS THE HEADER
      SPECIFICATION. IF THE FORMAT HAS NO FIELD
      SPECIFICATIONS, YOU MUST ENTER '/END;FIELD'
      BEFORE YOU MAY SPECIFY HEADERS.

DBFORM77

MSG   UNKNOWN FIELD NAME IN HEADER SPECIFICATION
      ($01). REENTER

EXP   THE SINGLE HEADER SPECIFICATION WAS NOT
      PROCESSED BECAUSE THE FIELD NAME TO BE HEADED IS
      NOT PRESENT IN THE FORMAT OR THE FORMAT HAS NO
      FIELD SPECIFICATIONS AT ALL.

RSP   ENTER '/END;DISPLAY' TO SEE WHAT FIELD NAMES ARE
      PRESENT IN THE FORMAT (A 'HEADER;' COMMAND
      BEFORE THE 'DISPLAY' WILL HELP) OR CARRIAGE
      RETURN TO BYPASS THE HEADER SPECIFICATION. IF
      THE FORMAT HAS NO FIELD SPECIFICATIONS, YOU MUST
      ENTER '/END;FIELD' BEFORE YOU MAY SPECIFY
      HEADERS.

DBFORM79

MSG   CANCELLED: ILLEGAL ENTRY TO DBFORMP.

EXP   THE FORMAT COMMAND WAS ENTERED AT DBFORMP, BUT
      ITS CALLER WAS NOT THE PAGE IMMEDIATE COMMAND
      FOLLOWING THE DISPLAY SUBCOMMAND OF THE FORMAT
      COMMAND IN THE NASIS RETRIEVAL SYSTEM.

DBFORM81

    MSG   ENTER PAGING DIRECTION

    EXP   ENTER 'B' TO PAGE THE FORMAT DISPLAY BACKWARDS
          (TO THE LEFT, IF COLUMNAR) OR CARRIAGE RETURN
          TO PAGE FORWARDS (TO THE RIGHT, IF COLUMNAR).
          THE KEYWORD IS: DIRECTON.

    RSP   THE PAGING DIRECTION (KEYWORD DIRECTON) IS
          EITHER:
          'B' TO PAGE BACKWARD (UP OR LEFT) OR
          NULL OR ANYTHING NOT STARTING WITH 'B' TO PAGE
          FORWARD (DOWN OR RIGHT).

DBFORM83

    MSG   CANCELLED: NO MORE PAGES $01.

    EXP   THE PAGE IMMEDIATE COMMAND WAS CANCELLED BECAUSE
          THERE ARE NO MORE PAGES IN THE SPECIFIED
          DIRECTION (FORWARD OR BACKWARD) FOR THE FORMAT
          DISPLAY.

DBGENR01

    MSG   CANCELLED: FILE $01 HAS NO GENERIC KEY.

DBGENR02

    MSG   ENTER GENERIC FIELD NAME

DBGENR03

    MSG   CANCELLED: $01 INVALID GENERIC FIELD.

DBGENR04

    MSG   ENTER KEY OR SET #

DBGENR05

    MSG   CANCELLED: KEY $01 UNKNOWN.

DBGENR06

    MSG   CANCELLED: ERROR $01 READING THE FILE.

DBGENR07

    MSG   CANCELLED: ERROR $01 GENERATING LISTS.

DBGENR10

MSG   CANCELLED: LIST ERROR $01.

DBGENR12

MSG   CANCELLED: $01 IS NOT AN INDEXED FIELD.

DBGENR13

MSG   CANCELLED: SET LIMIT EXCEEDED.

DBINDM02

MSG   ENTER INVERTED FIELD NAME

EXP   THE  USER SHOULD  ENTER  THE  FIELD NAME  OF THE
      INVERTED FILE TO BE MERGED.

RSP   THE USER SHOULD ENTER THE ANCHOR  FILE, SUBFILE,
      OR  ASSOCIATED FILE FIELD NAME THAT  CORRESPONDS
      TO THE MASTER INDEX BEING MERGED.

DBINDM03

MSG   ENTER MODE: (1=NEW FILE,0=INPLACE)

EXP   IF  THE  EXISTING MASTER  INDEX  FILE  IS TO  BE
      MAINTAINED INDEFINATELY IN ITS CURRENT  FORM THE
      USER SHOULD MERGE TO  A NEW FILE. WHEN THERE ARE
      NO  RESTRICTIONS ON  THE MASTER INDEX (SECURITY)
      THEN  MERGING  INPLACE  MIGHT  BE  ADVANTAGEOUS.
      ALSO, IF THERE  ARE VERY FEW  UPDATES  THE MERGE
      INPLACE IS RECOMMENDED.

RSP   THE USER SHOULD ENTER A ZERO (0) IF HE WISHES TO
      MERGE INDEX  INPLACE, OR  ENTER  ONE (1)  IF  HE
      WISHES TO CREATE A NEW FILE.

DBINDM04

MSG   ERROR ENCOUNTERED  DURING OPEN  ON MASTER  FILE:
      ERROR CODE: $01

EXP   WHEN  THE  MASTER  FILE  OPEN  WAS  INITIATED  A
      CRITICAL ERROR WAS ENCOUNTERED.

DBINDM05

MSG   ERROR ENCOUNTERED  DURING  NEW FILE  OPEN: ERROR
      CODE: $01

EXP   WHEN  NEW  FILE   OPEN  WAS  BEING  INITIATED  A
      CRITICAL ERROR WAS ENCOUNTERED:

DBINDM06

    MSG  ERROR ENCOUNTERED DURING UPDATE FILE OPEN: ERROR
        CODE: $01

    EXP  WHEN UPDATE OPEN WAS INITIATED  A CRITICAL ERROR
        WAS ENCOUNTERED.

DBINDM07

    MSG  RECORDS PROCESSED:  $01

    EXP  THIS IS THE TOTAL #  OF RECORDS PROCESSED DURING
        THE MERGE OPERATION.

DBINDM11

    MSG  ERROR ENCOUNTERED DURING  CLOSE  OF UPDATE INDEX
        FILE: ERROR CODE: $01

    EXP  WHEN THE CLOSE  OPERATION WAS  INITIATED  ON THE
        UPDATE FILE A CRITICAL ERROR WAS ENCOUNTERED.

DBINDM12

    MSG  ERROR ENCOUNTERED  DURING CLOSE  OF MASTER INDEX
        FILE: ERROR CODE: $01

    EXP  WHEN  THE CLOSE OPERATION  WAS  INITIATED ON  THE
        MASTER  INDEX    FILE  A    CRITICAL    ERROR    WAS
        ENCOUNTERED:

DBINDM13

    MSG  ERROR  ENCOUNTERED  DURING  CLOSE  OF NEW  INDEX
        FILE: ERROR CODE: $01

    EXP  THIS ERROR IS ENCOUNTERED DURING THE  CLOSING OF
        THE NEW INDEX FILE:

DBINDM14

    MSG  ERROR  ENCOUNTERED DURING  A WRITE FROM UPD WORK
        AREA: ERROR CODE: $01 UPDATE KEY IN ERROR: $02

    EXP  THIS ERROR WAS ENCOUNTERED  WHILE THE WRITING OF
        THE  UPD  FILE  WAS IN  PROGRESS.  (UPD  DOESN'T
        MATCH MASTER AT THIS TIME):

DBINDM15

    MSG  ERROR  ENCOUNTERED  DURING  A WRITE  FROM MASTER
        WORK AREA: ERROR CODE: $01 MASTER  KEY IN ERROR:

$02

EXP THIS ERROR WAS ENCOUNTERED WHILE THE WRITING OF
THE MASTER FILE WAS IN PROGRESS. ( MASTER AND
UPDATE DCN'T MATCH AT THIS POINT).

DBINDM16

MSG ERROR ENCOUNTERED DURING A WRITE FROM WORK AREA:
ERROR CODE: $01 WORK KEY IN ERROR: $02

EXP THIS ERROR WAS ENCOUNTERED WHILE THE WRITING OF
THE WORK AREAS WAS IN PROGRESS. (WPD & MASTER
ARE MERGED INTC WORK AT THIS POINT.)

DBINDM17

MSG FIELDS ARE MIXED ON DIFFERENT SUBFILES OR
SUBFILE AND PRIMARY FILE, OR ARE ON DIFFERENT
INDEX FILES.

EXP THINGS ARE REALLY MIXED UP RECHECK YOUR FIELDS,
SUBFILES, SUBFILE, & PRIMARY FILE.

DBINDM18

MSG FIELD ($01) IS NOT AN INVERTED FIELD.

EXP THE FIELD GIVEN IS NOT AN INVERTED FIELD NAME.

DBINDM20

MSG DBPAC ERROR ($01) ON FILE ($02).

EXP ERROR ON YOUR ANCHOR FILE CHECK IT.

DBINDM22

MSG ERROR FILE. ONCODE IS $01. FIELD NAME IS $02.

DBINDM23

MSG ENTER MODE (1=PROCESS DUPS,0=NO DUPS)

EXP THE USER SHOULD ENTER 1 TO ALLOW DUPLICATE INDEX
LIST ELEMENTS TO EE PROCESSED OR 0 TO DISALLOW
THE PROCESSING DUPLICATES.

DBINDM24

MSG FILE ERROR ($01) ON FILE ($02).

EXP ERROR DURING 'CALL ASMFNDS' ON FILE NAMES.

DBINDM29

    MSG   ERROR ENCOUNTERED ON UPDATE FILE: ERROR CODE: $01

    EXP   AN ERROR WAS ENCOUNTERED DURING UPDATE FILE PROCESSING.

DBINDM30

    MSG   ERROR ENCOUNTERED ON MASTER FILE: ERROR CODE: $1

    EXP   AN ERROR WAS ENCOUNTERED DURING MASTER FILE PROCESSING.

DBINDM31

    MSG   QUIT PROCESSING Y/N:

    EXP   USER SHOULD ENTER 'Y' TO QUIT PROCESSING, OR 'N' TO CONTINUE PROCESSING.

    RSP   USER SHOULD ENTER 'Y' TO QUIT PROCESSING, OR 'N' TO CONTINUE PROCESSING.

DBINDM32

    MSG   ENTER MODE(FIRSTPASS,RESTART) F/R?

    EXP   THE USER SHOULD ENTER MODE OF PROCESSING 'F' FOR FIRST PASS, OR 'R' FOR RESTART.

    RSP   THE USER SHOULD ENTER MODE OF PROCESSING 'F' FOR FIRST PASS, OR 'R' FOR RESTART.

DBINIT01

    MSG   ENTER YOUR NAME

    EXP   ENTER THE NAME TO WHICH ANY COMPUTER CENTER OUTPUT IS TO BE ADDRESSED.

    RSP   ENTER A 1-50 CHARACTER NAME, OR DEFAULT TO SPECIFY YOUR NASIS ID.

DBINIT02

    MSG   ENTER YOUR ADDRESS

    EXP   ENTER THE ADDRESS TO WHICH ANY COMPUTER CENTER OUTPUT IS TO BE SENT.

RSP   ENTER A 1-100 CHARACTER ADDRESS, OR DEFAULT TO
      SPECIFY THE DATE AND TIME.

DBINIT03

   MSG   ENTER

   EXP   ENTER THE COMMAND WHICH SPECIFIES  THE RETRIEVAL
         FUNCTION THAT YOU WISH TO INVOKE.

   RSP   THE AVAILABLE RETRIEVAL COMMANDS ARE-
               CANCEL    - CANCEL PRINT AND SEARCH REQUESTS
               CORRECT   - CORRECT DATA FILE FIELD VALUES
               DISPLAY   -   DISPLAY   FORMATTED   DATA   FILE
         RECORDS
               EXECUTE   -    EXECUTE    DATA    FILE    SEARCH
         REQUESTS
               EXPAND    - DISPLAY CROSS REFERENCE FILE
               FIELDS    - DISPLAY DATA FILE FIELD NAMES
               FORMAT    - DEFINE DATA FILE OUTPUT FORMAT
               FORMATS   - DISPLAY OUTPUT FORMAT NAMES
               KEEP      - RETAIN DISPLAY OR PRINT REQUEST
               PRINT     -    PRINT   FORMATTED   DATA   FILE
         RECORDS
               RETRIEVE  - INITIATE A NEW RETRIEVAL SESSION
               SAVE      - SAVE SCREEN IMAGES
               SEARCH    -   SPECIFY   DATA   FILE   SEARCH
         CRITERIA
               SELECT    - SELECT DATA FILE SUBSET
               SETS      - DISPLAY DATA FILE SUBSETS.

DBINIT04

   MSG   CANCELLED: COMMAND $01 INVALID.

   EXP   THE COMMAND THAT YOU ENTERED WAS NOT ONE OF  THE
         AVAILABLE  RETRIEVAL  COMMANDS.  ENTER  'EXPLAIN
         RESPONSE' IF YOU DON'T  KNOW  WHAT  THE AVAILABLE
         COMMANDS ARE.

DBINIT05

   MSG   CANCELLED: TOO MUCH PROMPTING.

   EXP   YOU ENTERED  FIVE  SUCCESSIVE  INVALID RETRIEVAL
         COMMANDS.   PLEASE   USE THE 'EXPLAIN' COMMAND OR
         SEEK  ASSISTANCE  BEFORE  YOU  TRY  TO  USE  THE
         RETRIEVAL SYSTEM AGAIN.

DBINIT06

   MSG   CANCELLED: ERROR $01 ON FILE $02.

EXP A DATA BASE ERROR WAS RAISED WHILE ATTEMPTING TO
COMPLETE FILE INITIALIZATION FOR RETRIEVAL. FOR
A MORE DETAILED EXPLANATION OF THE ERROR ENTER
'EXPLAIN DBPACXXX' WHERE 'XXX' IS THE THREE
DIGIT ERROR CODE.

DBINIT07

MSG CANCELLED: ERRCR $01 $02.

EXP A SYSTEM ERROR OCCURRED WHILE INITIALIZING THE
RETRIEVAL SYSTEM. PLEASE INFORM THE NASIS
MAINTENANCE STAFF SO THAT IT CAN BE CORRECTED.

DBJOIN01

MSG ENTER PASSWORD

DBJOIN02

MSG INVALID REENTER PASSWORD

DBJCIN03

MSG ENTER

DBJOIN04

MSG INVALID CCFMAND REENTER

DBJOIN05

MSG ENTER NASISID

DBJOIN06

MSG INVALID NASISID REENTER

DBJOIN07

MSG ENTER USERS PASSWORD

DBJOIN08

MSG ENTER USERS TIMESLICE

DBJCIN09

MSG INVALID TIMESLICE REENTER

DBJOIN10

MSG ENTER USERS AUTHORITY

DBJOIN11

  MSG  $01 INVALIC, $02 ASSUMED.

DBJOIN12

  MSG   ENTER FILES

DBJOIN13

  MSG   $01 INVALIC NAME IGNORED.

DBJOIN14

  MSG     $01    JOINED    TO    NASIS   WITH   PASSWORD=$02,
      TIMESLICE=$03 MILLESECONDS, AND AUTHORITY=$04.

DBJOIN16

  MSG   CANCELLEC TOO MUCH PROMPTING.

DBJOIN17

  MSG   A CIOSE EFROR CF $01 ON USERIDS HAS OCCURRED.

DBJOIN18

  MSG   NO MORE PAGES $01.

DBJOIN19

  MSG   $01SELECT FILE

DBJOIN21

  MSG   $01 EPROR CN PASSWORD RECORD.

DBJOIN22

  MSG   $01 ERRCR CN NASIS ID RECORD.

DBJOIN23

  MSG   $01 FRRCR TRYING TO OPEN USERIDS.

DBJOIN24

  MSG   $01 ERROR CN USERIDS FILE. IGNORED.

DBJOIN25

  MSG   $01 FINC ERROR ON USFRIDS.

DBJOIN26

  MSG   CAN NOT QUIT NASISID PASSWORD.

DBJOIN28

  MSG  $01 TRUNCATED TO EIGHT CHARACTERS.

DBJOIN29

  MSG  ( -NO FILES BELONGING TO $01- )

DBJOIN30

  MSG  CANNOT LOCATE $01 RECORD.

DBJOIN69

  MSG  ENTER FILE NAME

DBLATIO1

  MSG  ENTER SET NUMBER

  RSP  ENTER ANY VALID  SET NUMBER, INDICATING  THE SET
      TO BE SEARCHED.

DBLATIO2

  MSG  ENTER LATITUDE

  RSP  ENTER A ALTITUDE,  IN THE  FORM 00D00M, WHICH IS
      TO BE SEARCHED FOR.

DBLATIO3

  MSG  ENTER LONGITUDE

  RSP  ENTER A LONGITUDE, IN THE FORM 000D00M, WHICH IS
      TO BE SEARCHED FOR.

DBLATIO4

  MSG  $01 CANCELLED: INVALID SET NUMBER, REENTER

  RSP  RESPONSE WAS EITHER NULL OR NOT WITHIN THE RANGE
      OF VALID SET NUMBERS.

DBLATIO5

  MSG  $01 CANCELLED: INVALID LATITUDE, REENTER

  RSP  RESPONSE WAS NULL.

DBLATI06

  MSG  $01 CANCELLED: INVALID LONGITUDE, REENTER

  RSP  RESPONSE WAS NULL.

DBLMT001

  MSG  ERROR: ONCODE = $01, ONSOURCE = $02.

DBLMT002

  MSG  ENTER LIMITS

  EXP  THE USER IS PROMPTED FOR THE FIELDNAMES ON WHICH
     - TO LIMIT THE ANCHOR FILE SET AND THE VALUE
     RANGES - IN WHICH THE ANCHOR FILE KEYS ARE TO BE
     ACCEPTABLE.

  RSP  RESPONSE IS IN THE FORM OF
     LIMTESTS=(FIELDNAME=VALUE1:VALUE2,...)

DBLMT003

  MSG  CANCELED: NO LIMITS ENTERED.

DBLMT004

  MSG  FIELDNAME $01 IS NOT CONTAINED IN THE ANCHOR KEY
     FIELD. REENTER LIMIT

  RSP  REENTER THE LIMIT IN THE FORM
     LIMTESTS=(FIELDNAME=VALUE1:VALUE2)

DBLMT005

  MSG  THIS FILE KEY CANNOT BE LIMITED.

  EXP  EITHER THERE ARE NO SUBFIELDS DEFINED ON THE
     ANCHOR FILE KEY FIELD, - OR THE DATA BASE
     ADMINISTRATER HAS NOT ENTERED THE TABLE DEFINING
     - THE ANCHOR FILE KEY SUBFIELDS.

DBLMT006

  MSG  CANCELED: NO MORE SETS AVAILABLE.

  EXP  ALL POSSIBLE SETS HAVE BEEN DEFINED. THERE IS NO
     ROOM FOR ANY MORE.

DBLMT007

  MSG  SET $01 IS NOT AN ANCHOR FILE SET. REENTER SET#

EXP   SUBFILE SETS CANNOT BE LIMITED.

RSP   ENTER   THE   NUMBER OF   AN   EXISTING   ANCHOR FILE
      SET.

DBLMT008

MSG   SET $01 DOES NOT EXIST. REENTER SET#

RSP   ENTER THE   NUMBER   OF   AN   EXISTING ANCHOR   FILE
      SET.

DBLMT009

MSG   ENTER SET#

RSP   ENTER THE NUMBER OF THE ANCHOR FILE SET ON WHICH
      TO APPLY LIMITS.

DBLMT010

MSG   UE $01 IS TOO BIG. REENTER LIMIT

EXP   THE SPECIFIED VALUE IS LONGER THAN 50 CHARACTERS
      LONG.   HENCE   TRUNCATION   WOULD   HAVE   TO   TAKE
      PLACE.

RSP   ER   A   RESPONSE   IN   THE   FORM
      LIMTESTS=(FIELD=VALUE1:VALUE2)

DBLOAD10

MSG   $01 INPUT RECORDS PROCESSED.

EXP   $01 INPUT FILE RECORDS HAVE BEEN READ.

DBLOAD11

MSG   $01 DATAPLEX RECORDS PROCESSED.

EXP   $01   OUTPUT   NASIS   FILE   RECORDS   HAVE   BEEN
      LOADED.

DBLOAD12

MSG   LAST RECORD PROCESSED WAS $01.

EXP   THE LAST INPUT RECORD KEY PROCESSED WAS ($01).

DBLOAD20

MSG   $01 TYPE LOAD INITIATED ON FILE $02.

EXP   $01 OPERATION INITIATED ON NASIS FILE($02).

DBLOAD21

  MSG   USING $01 FCR INPUT.

  EXP   THE INPUT FILE FCR THIS LCAD IS $01.

DBLOAD22

  MSG   THE USER EXIT ROUTINE IS $01.

  EXP   THE USER   WRITTEN EXIT   ROUTINE   ENTRY POINT   IS
       $01.

DBLOAD23

  MSG   ERRORS WILL BE LOGGED ON $01.

  EXP   INPUT   RECOFDS   THAT   CAUSE   DATABASE   EXECUTIVE
       EBRCRS WILL BE WRITTEN TO FILE $01.

DBLOAD24

  MSG   THE ERROR CCUNT FCR THIS LOAD IS $01.

  EXP   $01   DATABASE   EXECUTIVE   ERRORS WILL BE ALLOWED
       BEFCRE PROGRAM IS TERMINATED.

DBLOAD31

  MSG   ENTER
       MODE(LOADMCDE)-I(LOAD),R(RESTART),U(UPDATE)

  EXP   USER MUST   ENTER THE MODE OF OPERATION   FOR   THE
       PROGRAM.

  RSP   VALID RESPCNSES ARE:
       I FCR LCAD
       F FOR RESTART
       U FOR UFDATE
       THERE   IS   NO   PROGRAM   DEFAULT   FOR   THIS
       PARAMETER.

DBLOAD32

  MSG   ENTER EXIT ROUTINE NAME(LOADEXIT)

  EXP   USER   MUST ENTER   THE EXIT   ROUTINE ENTRY   POINT
       NAME FOR THIS LCAD.

  RSP   VALID   RESPCNSE   IS A 1-7   CHARACTER ENTRY POINT
       NAME.   PROGRAM   DEFAULT IS 'X' CONCATENATED WITH

THE FILENAME.

DBLOAD33

    MSG   ENTER KEY FORMATTING ROUTINE NAME(KEYFMT)

    EXP   USER  MUST ENTER THE  FORMAT ROUTINE NAME OF THE
           FILE  KEY  FIELD.  IF THE  KEY  HAS  NO  FORMAT
           ROUTINE, ENTER A NULL REPLY.

    RSP   VALID  RESPONSE  IS  THE   1-8  CHARACTER  FORMAT
           ROUTINE NAME AS ENTERED IN THE  DESCRIPTOR.   IF
           NO FORMAT ROUTINE , ENTER NULL REPLY.

DBLOAD34

    MSG   ANCHOR FILE TO BE LOADED(LOADANC)(Y,N)?

    EXP   USER  MUST INDICATE IF THE  ANCHOR FILE IS TO BE
           LOADED WITH THIS RUN.

    RSP   VALID RESPONSES ARE:
             'Y' ANCHOR FILE WILL BE LOADED.
             'N' ANCHOR FILE WILL NOT BE LOADED.
             PROGRAM DEFAULT IS 'Y'.

DBLOAD35

    MSG   ENTER           ASSOCIATED        FILES        TO
           LOAD(LOADASSC)(1,2,3,...9)

    EXP   USER  MUST  INDICATE  WHAT  ASSOCIATED  FILES HE
           WANTS TO LOAD, IF ANY, WITH THIS LOAD.

    RSP   VALID  RESPONSE  IS  A  SINGLE  ASSOCIATED  FILE
           SUFFIX,  OR  A MULTIPLE LIST OF  ASSOCIATED FILE
           SUFFIXES  ENTERED  WITH LEFT  AND RIGHT  PARENS:
           (1,2,3,...9)  IF NO ASSOCIATED FILES, ENTER NULL
           REPLY.

DBLOAD36

    MSG   ENTER SUBFILES TO LOAD(LOADSUB)(R,S,T...Z)

    EXP   USER  MUST INDICATE  WHAT  SUBFILES,  IF ANY, HE
           WISHES TO LOAD WITH THIS LOAD.

    RSP   VALID RESPONSE IS A  SINGLE SUBFILE  SUFFIX OR A
           MULTIPLE LIST OF SUBFILE SUFFIXES ENTERED WITH A
           LEFT  AND  RIGHT  PAREN:  (R,S,T,...Z).   IF  NO
           SUBFILES ARE TO BE LOADED ENTER NULL REPLY.

DBLOAD37

MSG   ENTER                 FIELD              NAMES           TO
INVERT(INVERTED)(FIELD,FIELD....)

EXP   USER MUST  INDICATE  WHICH  FIELDS, IF  ANY,  HE
WANTS TO INVERT WITH THIS LOAD.

RSP   VALID  RESPONSE  IS  A  SINGLE  FIELDNAME  OR  A
MULTIPLE LIST  OF FIELDNAMES ENTERED WITH A LEFT
AND  RIGHT  PAREN:  (FIELD,FIELD,....).  IF   NO
FIELDS ARE TO BE INDEXED WITH THIS LOAD, ENTER A
NULL REPLY.

### DBLOAD38

MSG   ENTER INPUT DSNAME(LOADINPT)

EXP   USER MUST  INDICATE THE  INPUT FILE DATASET NAME
TO LOAD.

RSP   VALID RESPONSE IS  THE FULLY QUALIFIED DSNAME OF
THE INPUT DATASET. PROGRAM  DEFAULT  IS FILENAME
CONCATENATED WITH '.INPUT'.

### DBLOAD39

MSG   GENERATE LARGE NUMERIC KEYS(GENERKEY)(N,Y)?

EXP   THE USER MUST INDICATE IF LARGE NUMERIC KEYS ARE
TO BE GENERATED FOR THE LOADED FILE.

RSP   VALID RESPONSE ARE:
     'N' KEYS WILL NOT BE GENERATED.
     'Y' KEYS WILL BE GENERATED.
     PROGRAM DEFAULT FOR NULL REPLY IS 'N'.

### DBLOAD40

MSG   ENTER ERROR DSNAME(ERRFILE)

EXP   USER MUST INDICATE THE ERROR DATASET NAME.

RSP   VALID RESPONSE  IS THE FULLY  QUALIFIED  DATASET
NAME  OF THE  FILE TO WRITE  INPUT ERROR RECORDS
TO.   PROGRAM DEFAULT  IS FILENAME  CONCATENATED
WITH '.ERROR'.

### DBLOAD41

MSG   ENTER         ALLOWABLE       DATABASE       ERROR
COUNT(LOADERRS)(DEF: 100)

EXP   USER  MUST  ENTER NUMBER OF DATA BASE  EXECUTIVE
ERRORS ALLOWED BEFORE PROGRAM IS TERMINATED.

      RSP   VALID RESPONSE IS NUMERIC DIGITS.

DBLOAD50

      MSG   KEY FORMATTING ROUTINE IS $01.

      EXP   THE FORMATTING ROUTINE NAME FOR  THE  KEY OF THE
            FILE BEING LOADED WAS ENTERED AS($01).

DBLOAD51

      MSG   LARGE NUMERIC KEYS($01) BE GENERATED.

      EXP · LARGE   NUMERIC   KEYS(FIXED   BINARY(31))($01)   BE
            GENERATED FOR THIS LOAD.

DBLOAD52

      MSG   ANCHOR FILE($01) BE LOADED.

      EXP   ANCHOR FILE($01) BE LOADED FOR THIS LOAD.

DBLOAD53

      MSG   ASSOCIATED FILE $01 WILL BE LOADED.

      EXP   ASSOCIATED  FILE WITH SUFFIX($01) WILL BE LOADED
            WITH THIS LOAD.

DBLOAD54

      MSG   SUBFILE $01 WILL BE LOADED.

      EXP   SUBFILE WITH  SUFFIX($01)  WILL  BE  LOADED WITH
            THIS LOAD.

DBLOAD55

      MSG   INDEX FILE $01 WILL BE LOADED.

      EXP   INDEX FILE  WITH SUFFIX($01) WILL BE LOADED WITH
            THIS LOAD.

DBLOAD80

      MSG   DBPAC   ERROR($01);   FIELD($02);   OFFSET($03);
            LENGTH($04);

      EXP   DATABASE  EXECUTIVE  ERROR($01) HAS  OCCURED  ON
            FIELD($02)  WHICH  IS  AT  OFFSET($03)  OF INPUT
            RECORD, AND HAS A LENGTH OF($04).

DBLOAD81

```
MSG         KEY ($01).

EXP   THE KEY OF INPUT FILE IS($01).
```

DBLOAD82

```
MSG   CANCELLED: USER ERROR LIMIT EXCEEDED.

EXP   THE  LOAD HAS  BEEN TERMINATED  BECAUSE DATABASE
      EXECUTIVE ERRORS HAVE EXCEEDED THE USER LIMIT.
```

DBLOAD83

```
MSG   DBPAC ERROR($01) ON FILE($02)

EXP   DATABASE  EXECUTIVE  ERROR($01)   OCCURRED   ON
      FILE($02).
```

DBLOAD84

```
MSG   CANCELLED: UNEXPECTED FILE ERROR.

EXP   LOAD   HAS   TERMINATED  BECAUSE   OF  UNEXPECTED
      ERROR.
```

DBLOAD85

```
MSG   CANCELLED: EXIT ROUTINE REQUESTED TERMINATION.

EXP   LOAD  HAS   TERMINATED  BECAUSE   USER  REQUESTED
      TERMINATION IN THE USER EXIT ROUTINE.
```

DBLOAD86

```
MSG   INPUT DATA EXHAUSTED, END OF LOAD.

EXP   LOAD HAS SUCCESSFULLY REACHED COMPLETION.
```

DBLOAD89

```
MSG   CANCELLED: UNCORRECTIBLE PL/I ERROR.

EXP   LOAD  HAS TERMINATED  BECAUSE  OF  UNCORRECTIBLE
      PL/I ERROR.
```

DBLOAD93

```
MSG   CANCELLED: ATTENTION INTERRUPT.

EXP   LOAD HAS TERMINATED BECAUSE OF USER ATTENTION.
```

DBLOAD94

MSG   STARTING TC BACKUP, ON ABEND USE GENERATION(-1) FILES FOR RESTART.

EXP   LOAD IS STARTING TO WRITE CHECKPOINT BACKUP FILES. IF THE SYSTEM SHOULD CRASH, FOR RESTART PROCEDURE, USE BACKUP FILES ONE GENERATION BACK(-1).

DBLOAD95

MSG   FILES SUCCESSFULLY COPIED.

EXP   ALL FILES FOR DATAPLEX BEING LOADED HAVE BEEN COPIED TO A GENERATION DATASET TO BE USED IN CASE OF SYSTEM FAILURE.

DBMAIN01

MSG   ENTER FILE NAME

EXP   ENTER THE NAME OF THE FILE UPON WHICH YOU WISH TC PERFORM MAINTENANCE.

RSP   THE FILE NAME MUST CONSIST OF 1-6 ALPHANUMERIC CHARACTERS AND MUST BEGIN WITH AN ALPHABETIC CHARACTER.

DBMAIN02

MSG   NAME INVALID, REENTER

EXP   THE FILE NAME THAT YOU ENTERED WAS INVALID, PLEASE ENTER THE CORRECT NAME OF THE FILE THAT YOU WISH TC MAINTAIN.

RSP   THE FILE NAME MUST CONSIST OF 1-6 ALPHANUMERIC CHARACTERS AND MUST BEGIN WITH AN ALPHABETIC CHARACTER.

DBMAIN03

MSG   ENTER

EXP   ENTER THE COMMAND WHICH SPECIFIES THE MAINTENANCE FUNCTION THAT YOU WISH TO INVOKE.

RSP   THE AVAILABLE MAINTENANCE COMMANDS ARE-
          ACCUM    - ACCUMULATE MAINTENANCE STATISTICS
          COMBINE  - COMBINE CROSS REFERENCE FILES
          CORRECT  - CORRECT DATA FILE FIELD VALUES
          EDIT     - DEFINE DATA FILE
          INVERT   - CONSTRUCT CROSS REFERENCE FILE
          LOAD     - CONSTRUCT DATA FILE

PRINT  -  PRODUCE  A  MAINTENANCE  STATISTICS REPORT
UPDATE  - APPLY DATA FILE CORRECTIONS.

## DBMAIN04

MSG  CANCELLED: COMMAND $01 INVALID.

EXP  THE  COMMAND THAT YOU ENTERED WAS NOT ONE OF THE AVAILABLE  MAINTENANCE COMMANDS.  ENTER 'EXPLAIN RESPONSE'  IF YOU DON'T KNOW  WHAT THE AVAILABLE COMMANDS ARE.

## DBMAIN05

MSG  CANCELLED: TOO MUCH PROMPTING.

EXP  YOU ENTERED  FIVE SUCCESSIVE INVALID MAINTENANCE COMMANDS.  PLEASE USE THE  'EXPLAIN' COMMAND  OR SEEK  ASSISTANCE  BEFORE  YOU  TRY  TO  USE  THE MAINTENANCE SYSTEM AGAIN.

## DBMAIN06

MSG  CANCELLED: ERROR $01 ON FILE $02.

EXP  A DATA BASE ERROR WAS RAISED WHILE ATTEMPTING TO COMPLETE FILE  INITIALIZATION  FOR  MAINTENANCE. FOR A MORE  DETAILED  EXPLAINATION  OF THE ERROR ENTER  'EXPLAIN DBPACXXX'  WHERE  'XXX' IS  THE THREE DIGIT ERROR CODE.

## DBMERG01

MSG  DBPAC ERROR($01) ON FIELD($02) ON FILE($03).

EXP  DATABASE  EXECUTIVE  ERROR($01)  ON  FIELD($02) OCCURRED ON FILE($03).

## DBMERG02

MSG  ERROR($01) ON JOINIDS FILE.

EXP  ASSEMBLER  ROUTINE ERROR($01)  OCCURRED  ON  THE JOINIDS FILE.

## DBMERG03

MSG  MERGE IS COMPLETED.

EXP  MERGE HAS SUCCESSFULLY FINISHED.

## DBMLF01

        MSG   ID MANDATORY PARM.

        EXP   THE ID PARM IS MANDATORY FOR  COMMAND DELETE AND
              REPLACE.

    DBMLF02

        MSG   NO PREVICUS ID SPECIFIED.

        EXP   USER MUST HAVE PREVIOUSLY SPECIFIED AN  ID PARM
              INCRDER TO ALLOW SYSTEM TO DEFAULT.

    DBMLF03

        MSG   ID EXCEEDS 8 CHAR.

    DBMLF04

        MSG   TERM MANDATORY PARM.

        EXP   THE TERM PARM IS MANDATORY FOR ALL COMMANDS.

    DBMLF05

        MSG   ID EXCEEDS 6 CHAR.

        EXP   THE  USER MUST  SPECIFY  AN  ID OF  SIX OR  LESS
              CHARACTERS WHEN DEFINING A TERM.

    DBMLF06

        MSG   TERM EXCEEDS 100 CHAR.

    DBMLF07

        MSG   BEGINNING LINE NUMBER MANDATORY PARM.

        EXP   THE  BEGINNING LINE NUMBER IS  MANDATORY FOR THE
              DELETE COMMAND.

    DBMLF08

        MSG   BGN LINE NUMBER EXCEEDS 7 CHAR.

    DBMLF10

        MSG   LINE NUMBER EXCEEDS LIMITS OF TYPE.

        EXP   THE TYPE PARM RESTRICTS  THE LINE NUMBER  VALUES
              AS FOLLOWS; ADD 0000000 TO 0000090
              EXP 0000100 TO 0000390
              RSP 0000400 TO 9999990

DBMLF11

   MSG   TERM MANDATORY PARM.

 DBMLF12

   MSG   LAST LINE NUMBER INVALID.

DBMLF13

   MSG   LAST LINE NUMBER EXCEEDS 7 CHAR.

DBMLF14

   MSG   NEW LINES TO BE ADDED EXCEED SPACE AVAILABLE.

   EXP   THIS EXPLAINS ABOVE.

DBMLF15

   MSG   SYSTEM READY.

DBMLF16

   MSG   $01 COMMAND.

DBMLF18

   MSG   IO ERROR DCING $01, ERROR $02.

DBMLF19

   MSG   ENTER $01 PARM

DBMLF20

   MSG   TERM NOT EQUAL.

   EXP   USER  ATTEMPTING TO  REPLACE A TERM AND THE TERM
         PARM DOES NOT MATCH AN EXISTING TERM.

DBMLF22

   MSG   KEY NOT FOUND.

DBMLF24

   MSG   COMMAND COMPLETE.

DBMLF25

   MSG   KEY NOT FOUND.

DBMLF28

   MSG   ENDING LINE NUMBER EXCEEDS LAST KEY IN REGION.

DBMLF30

   MSG   PREFIX NOT EQUAL TO 2 CHARACTERS.

   EXP   THE PREFIX MAY BE  ANY OF THE VALID FILTER CODES
       DEFINED BY THE EXPLAIN.

DBMLF31

   MSG   KEY NOT FOUND.

DBMLF34

   MSG   TERM NOT EQUAL.

   EXP   USER  ATTEMPTING TO REPLACE A  TERM AND THE TERM
       DOES NOT MATCH AN EXISTING TERM.

DBMLF35

   MSG   USER TRYING TO DELETE A TERM  ENTER Y OR N

   EXP   USER  HAS SPECIFIED A LINE  NUMBER WHICH DENOTES
       THE  BEGINNING  OF AN  ENTIRE  TERM  THE  SYSTEM
       REQUEST THE USER TO VERIFY HIS DESIRE.

   RSP   USER ENTERS Y TO DELETE ENTIRE TERM
                    N TO DISCONTINUE  THE COMMAND.

DBMLF36

   MSG   TERM NOT EQUAL.

DBMLF41

   MSG   LINE NUMBER IS NOT A MULTIPLE OF 10.

DBMLF42

   MSG   LAST  LINE NUMBER IS  LESS THAN  BEGINNING  LINE
       NUMBER.

DBMLF43

   MSG   USER HAS  SPECIFIED  AN ENDING LINE NUMBER WHICH
       EXCEEDS THE LIMITS OF THIS TERM.

DBMLF46

MSG   PARM PROMPT TERMINATED.

DBMNTN02

    MSG   ADD   TRIED   AFTER   UNSUCCESSFUL   ADD   OF   NEW
          RECORD.

    EXP   USER   ATTEMPTING TO ADD A FIELD FOR A NEW RECORD
          THAT DID NOT GET CREATED.

DBMNTN03

    MSG   CHG TRIED ON A NULL FIELD.

    EXP   USER   ATTEMPTING   TO   CHANGE   A   FIELD   THAT   IS
          NULL.

DBMNTN04

    MSG   (CHG) NO CHANGES WERE MADE TO ANY FIELD.

    EXP   USER ATTEMPTING   TO CHANGE AN   ELEMENT THAT DOES
          NOT EXIST OR CONTEXT DOES NOT MATCH   ANY PART OF
          ELEMENT.

DBMNTN05

    MSG   TRANSACTION FILE IS OUT OF SEQUENCE.

    EXP   KEYS ON TRANSACTION   FILE   ARE NOT IN   ASCENDING
          ORDER.

DBMNTN06

    MSG   THERE ARE NO TRANSACTIONS TO BE PROCESSED.

    EXP   USER ATTEMPTING A MAINTENANCE RUN WHEN THERE ARE
          NO INPUT TRANSACTIONS.

DBMNTN07

    MSG   DATA PRESENT WHEN NONE SHOULD BE.

    EXP   TRANSACTION TYPE HAS   DATA IN   FIELD THAT IS NOT
          REQUIRED FOR PARTICULAR OPERATION CODE.

DBMNTN09

    MSG   NO FIELD NAME.

    EXP   INPUT   TRANSACTION   HAS   NO   FIELD   NAME   TO
          PROCESS.

DBMNTN10

MSG  NO DATA.

EXP  TRANSACTICN HAS NO DATA WHEN OPERATION CODE
REQUIRES IT.

DBMNTN13

MSG  SUCCESSFUL END CF JOB.

EXP  PROGRAM HAS RUN TO COMPLETION.

DBMNTN15

MSG  UNABLE TO UPDATE THE STATISTICS.

EXP  STATISTICS MODULE CCULD NCT UPDATE THE STATIC
DATAPLEX.

DBMNTN41

MSG  DBPAC ERROR ($01) ON FILE ($02).

EXP  DATA BASE ERROR ($01) CCCURRED ON FILE ($02).

DBMNTN50

MSG  INVALID OP-CODE ($01).

EXP  OPERATION CCDE CN TRANSACTION WAS NOT VALID.

DBMNTN60

MSG  KEY IS ($01), TIME IS ($02)

EXP  TRANSACTION KEY IS DISPLAYED, TIME IS
DISPLAYED.

DBMNTN61

MSG  NASISID = ($01), OPCCDE = ($02), FIELD =
($03).

EXP  TRANSACTICN FIELDS: NASISID, OPCODE, AND FIELD
ARE DISPLAYED.

DBMNTN62

MSG  START = ($01), END = ($02), OLDDATA = ($03),
NEWDATA = ($04).

EXP  TRANSACTICN FILE FIELDS: START, END, OLDDATA,

NEWDATA ARE DISPLAYED.

DBMNTN63

   MSG  SUBKEY = ($01), CTLFLD = ($02).

   EXP  TRANSACTION FILE FIELDS: SUBKEY, CTLFLD ARE DISPLAYED.

DBMTT*01

   MSG  ENTER NASIS COMMAND

   EXP  ENTER THE COMMAND WHICH SPECIFIES THE NASIS SUBSYSTEM OF FUNCTION THAT YOU WISH TO INVOKE.

   RSP  THE AVAILABLE NASIS COMMANDS ARE:
        JOIN     - MAINTAIN THE NASIS USER IDS FILE
        MAINTAIN - MAINTAIN CNE OF YOUR DATA FILES
        REPORT   - PRODUCE A RETRIEVAL STATISTICS REPCRT
        RERUN    - RERUN A PREVIOUSLY SAVED STRATEGY
        RESTART  - RESTART AN INTERRUPTED TERMINAL SESSION
        RETRIEVE - RETRIEVE DATA FROM AN AVAILABLE FILE
        SECURE   - SPECIFY A NEW SECURITY CODE.

DBMTT*02

   MSG  CANCELLED: COMMAND $01 INVALID.

   EXP  THE COMMAND THAT YOU ENTERED WAS NOT ONE OF THE AVAILABLE NASIS COMMANDS. ENTER 'EXPLAIN RESPONSE' IF YOU DON'T KNOW WHAT THE AVAILABLE COMMANDS ARE.

DBMTT*03

   MSG  CANCELLED: TOO MUCH PROMPTING.

   EXP  YOU ENTERED FIVE SUCCESSIVE INVALID NASIS COMMANDS. PLEASE USE THE 'EXPLAIN' COMMAND OR SEEK ASSISTANCE BEFORE YOU TRY TO USE NASIS AGAIN.

DBMTT*04

   MSG  CANCELLED: UNCORRECTABLE PL/I ERROR.

   EXP  AN UNCORRECTIBLE PROGRAM ERROR HAS OCCURRED IN A NASIS PL/I PROGRAM. PLEASE INFORM THE NASIS MAINTENANCE STAFF SO THAT IT CAN BE CORRECTED.

DBMTT*05

    MSG   ENTER STRATEGY NAME CR DEFAULT

    EXP   ENTER THE NAME UNDER WHICH YOU WISH THIS
          STRATEGY TO BE SAVED, OR DEFAULT IF YOU DO NOT
          WISH THE STRATEGY TC BE SAVED.

    RSP   A VALID NAME CONSISTS OF ANY COMBINATION OF 1-8
          PRINTABLE           CHARACTERS,           EXCEPT
          'CURRENT-STRATEGY'.

DBMTT*06

    MSG   CANCELLED: NC STRATEGY NAME ENTERED.

    EXP   THE 'RERUN' COMMAND REQUIRES THAT YOU SPECIFY
          THE NAME OF THE SAVED STRATEGY THAT YOU WISH TO
          RERUN.
          TO CBTAIN A LIST OF THE EXISTING SAVED STRATEGY
          NAMES, ENTER 'STRATEGY NAMES'.

DBMTT*07

    MSG   WARNING: DUPLICATE STRATEGY NAME, REENTER OR
          DEFAULT TC REPLACE

    EXP   THE USER ENTERED A STRATEGY NAME THAT ALREADY
          EXISTED.

    RSP   ENTER A NEW STRATEGY NAME, OR DEFAULT AND THE
          CURRENT   STRATEGY   WILL   REPLACE   THE   OLD
          STRATEGY.

DBMTT*08

    MSG   ENTER STRATEGY NAME

    EXP   THE USER SHOULD ENTER THE STRATEGY NAME TO BE
          RERUN.

    RSP   THE USER SHOULD ENTER THE STRATEGY NAME TO BE
          RERUN.

DBPAC001

    MSG   DBPAC001: ILLEGAL ATTEMPT TO IMPLY OPEN.

DBPAC003

    MSG   DBPAC003: TRIED TO IMPLY AN OPEN ON A NEW
          FILE-NAME WITHOUT THE USE OF AN OPEN COMMAND.

DBPAC020

   MSG  DBPAC020: TRYING TO  OPEN A FILE WHEN THE HEADER
        DESCRIPTOR'S DESCOR SWITCH IS OFF.

DBPAC021

   MSG  DBPAC021:  TRYING TO OPEN  FOR OUTPUT OR  UPDATE
        AND THE  FILE IS  NOT THE ANCHOR OR AN ASSOCIATE
        OR A DESCRIPTOR FILE.

DBPAC022

   MSG  DBPAC022: END-OF-LIST (READ LIST STATEMENT).

DBPAC023

   MSG  DBPAC023: NUMBER OF  FILES  EXCEEDS  THE  NUMBER
        ALLOWED IN THE MFCB FILE ARRAY.

DBPAC025

   MSG  DBPAC025: THE USER IS NOT THE OWNER OF THE FILE,
        BUT  HE  IS  ATTEMPTING  AN  OPEN FOR  UPDATE OR
        OUTPUT.

DBPAC026

   MSG  DBPAC026: ATTEMPTED OPEN OF THE  FILE FCR INPUT,
        THE DATA SWITCH INDICATES NO DATA.

DBPAC027

   MSG  DBPAC027:  OPEN ATTEMPTED BUT  ITS  FUNCTION WAS
        NOT INPUT, CUTPUT, OR UPDATE.

DBPAC028

   MSG  DBPAC028:  OPEN ISSUED FCR UPDATE OR  OUTPUT WAS
        PROHIBITED BY THE MNTNING, MNTNABLE, OR THE DATA
        SWITCH.

DBPAC030

   MSG  DBPAC030: OPERATION CODE ERROR.

DBPAC031

   MSG  DBPAC031:  KEY FIELD  FAILED  GENERAL VALIDATION
        (READ KEY OR LOCATE).

DBPAC032

MSG   DBPAC032:  KEY FIELD  FAILED SPECIFIC VALIDATION
      (READ KEY CF LCCATE).

DBPAC034

   MSG   DBPAC034: ERASE ATTEMPTED ON CLOSE BUT   THE FILE
         IS NOT OPEN FCR UPDATE.

DBPAC035

   MSG   DBPAC035:  ERASE  ATTEMPTED ON  DESCRIPTOR  FILE
         OTHER THAN THE ANCHOR.

DBPAC036

   MSG   DBPAC036:  THE GET FIELD OPERATION ATTEMPTED BUT
         THE LAST RECCRD CEERATION WAS A LOCATE.

DBPAC038

   MSG   DBPAC038: THE GET FIELD OPERATION ATTEMPTED  BUT
         THERE IS NC CURRENT RECORD.

DBPAC039

   MSG   DBPAC039: GET RECORD OPERATION ATTEMPTED BUT THE
         USER IS NOT THE CWNER.

DBPAC040

   MSG   DBPAC040:  GET LIST ATTEMPTED,  BUT FILE IS  NOT
         INVERTED INDEX.

DBPAC041

   MSG   DBPAC041: KEY IS NULL (READ KEY OR LOCATE).

DBPAC042

   MSG   DBPAC042:   KEY   SEQUENCE   ERROR   (LOCATE
         SEQUENTIAL).

DBPAC043

   MSG   DBPAC043: DUPLICATE KEY ERROR (LOCATE DIRECT).

DBPAC044

   MSG   DBPAC044: NOT AN OUTPUT FILE FOR WRITE.

DBPAC046

   MSG   DBPAC046: NC CURRENT RECORD (PUT OR REPUT).

DBPAC047

    MSG   DBPAC047:  CURRENT   RECORD   NOT   LOCKED  (PUT OR REPUT).

DBPAC049

    MSG  DBPAC049: PUT CR REPUT TO INPUT FILE.

DBPAC050

    MSG  DBPAC050: REPUT TO NON-UPDATE FILE.

DBPAC051

    MSG  DBPAC051: REPUT FOLLOWING LOCATE.

DBPAC052

    MSG  DBPAC052:  GET   OPERATION  (FIELD  IS  NOT  IN DESCRIPTOR TABLE).

DBPAC053

    MSG  DBPAC053:  FIELD FAILED  GENERAL VALIDATION (PUT OR REPUT).

DBPAC054

    MSG  DBPAC054:  FIELD FAILED  SPECIAL VALIDATION (PUT OR REPUT).

DBPAC055

    MSG  DBPAC055: NULL VALUE TO BF PUT.

DBPAC056

    MSG  DBPAC056: BIT FIELD TOO LONG (PUT OR REPUT).

DBPAC057

    MSG  DBPAC057: PUT TO NON-NULL BIT SWITCH.

DBPAC058

    MSG  DBPAC058: PUT TO NON-NULL FIXED LENGTH FIELD.

DBPAC059

    MSG  DBPAC059:  PUT  TO   NON-NULL   VARIABLE  LENGTH (SINGLE ELEMENT) FIELD.

DBPAC061

    MSG   DBPAC061:  FIELD  WOULD  MAKE  RECORD  TOO  LONG
    (PUT).

DBPAC062

    MSG   DBPAC062:  FIELD  WOULD  MAKE  RECORD  TOO  LONG
    (REPUT).

DBPAC063

    MSG   DBPAC063: ELEMENT  WOULD  MAKE RECORD  TOO  LONG
    (PUT).

DBPAC064

    MSG   DBPAC064:  ELEMENT  WOULD MAKE RECORD  TOO  LONG
    (REPUT).

DBPAC065

    MSG   DBPAC065:  ELEMENT  FIELD  TOO   LONG  (PUT   OR
    REPUT).

DBPAC066

    MSG   DBPAC066: TOO MANY (VARIABLE) ELEMENTS (PUT).

DBPAC067

    MSG   DBPAC067:   NO   GET   BEFORE   REPUT   (VARIABLE
    ELEMENTS).

DBPAC068

    MSG   DBPAC068: NO GOOD  GET  BEFORE  REPUT  (VARIABLE
    ELEMENTS).

DBPAC069

    MSG   DBPAC069: UNDEFINED FIELD (PUT OR REPUT).

DBPAC070

    MSG   DBPAC070: REPUT  TO   NEVER  PUT  (NULL)  FIELD
    (RECORD NOT FOUND).

DBPAC071

    MSG   DBPAC071: TOO MANY (FIXED) ELEMENTS (PUT).

DBPAC072

MSG   DBPAC072: (FIXED) ELEMENT   WOULD MAKE RECORD TOO
LONG (PUT).

DBPAC073

MSG   DBPAC073:   NO     GET     BEFORE     REPUT     (FIXED
ELEMENTS).

DBPAC074

MSG   DBPAC074:   NO   GOOD    GET    BEFORE   REPUT   (FIXED
ELEMENTS).

DBPAC075

MSG   DBPAC075: FIELD TCO LONG (PUT OR REPUT).

DBPAC076

MSG   DBPAC076: KEY WOULD MAKE CROSS   REFERENCE RECORD
TOO LONG (PUT OR REPUT).

DBPAC077

MSG   DBPAC077: CROSS REFERENCE NOT FOUND ON RECORD.

DBPAC078

MSG   DBPAC078: TARGET FIELD   'ACTUAL' LENGTH CHECKING
INDICATES TRUNCATION.

DBPAC079

MSG   DBPAC079:   RETRIEVAL   SYSTEM   TRYING   TO   OPEN
SOMEONE  ELSES  STATIC  OR  TRNSCT  DATAPLEX  FOR
UPDATE OR OUTPUT.

DBPAC080

MSG   DBPAC080:   RETRIEVAL   SYSTEM   OPENING A DATAPLEX
(OTHER THAN STATIC OR TRNSCT)   FOR EITHER OUTPUT
OR UPDATE.

DBPAC083

MSG   DBPAC083: GET KEY INCOMPATIBLE WITH LIST.

DBPAC084

MSG   DBPAC084: GET KEY SEQUENCE ERROR.

DBPAC085

MSG   DBPAC085: FIELD LENGTH LESS  THAN  2 FOUND. DATA
      BASE DAMAGE.

DBPAC086

   MSG   DBPAC086: FIELD LENGTH BEYOND RECLEN FOUND. DATA
         BASE DAMAGE.

DBPAC087

   MSG   DBPAC087: FIELD LENGTH  NOT EQUAL  TO  2 PLUS A
         MULTIPLE CF  ELEMENT  LENGTH  FOUND.  DATA  BASE
         DAMAGE.

DBPAC088

   MSG   DBPAC088: ELEMENT  LENGTH  LESS THAN  1  FOUND.
         DATA BASE DAMAGE.

DBPAC089

   MSG   DBPAC089: ELEMENT  LENGTH BEYOND  FIELD  LENGTH
         FOUND.  DATA BASE DAMAGE.

DBPAC090

   MSG   DBPAC090: INVALID DB2  HEADER  DESCRIPTOR.  DB1
         DESCRIPTOR OR DAMAGE.

DBPAC091

   MSG   DBPAC091: FIELD DESCRIPTOR RECLEN LESS  THAN 78.
         DESCRIPTOR DAMAGE.

DBPAC092

   MSG   DBPAC092:  FIELD  LENGTH  LESS   THAN  2  IN
         DESCRIPTOR.  DESCRIPTOR DAMAGE.

DBPAC093

   MSG   DBPAC093:  FIELD  LENGTH  BEYOND   RECLEN  IN
         DESCRIPTOR.  DESCRIPTOR DAMAGE.

DBPAC094

   MSG   DBPAC094: VALIDARG LONGER THAN 50 BYTES WOULD BE
         TRUNCATED.  DESCRIPTOR DAMAGE.

DBPAC095

   MSG   DBPAC095: SECURITY FIELD LENGTH INVALID.  SHOULD
         BE 2 PLUS A MULTIPLE OF 8.

DBPAC096

    MSG  DBPAC096: NC DESCRIPTOR FOUND FOR KEY FIELD.
    DESCRIPTOR DAMAGE.

DBPAC097

    MSG  DBPAC097: INVALID FIELD LENGTH IN INDEX RECORD
    FOUND.  DATA BASE DAMAGE.

DBPAC098

    MSG  DBPAC098: RECORD MISSING FROM INDEX REGION.
    DATA BASE DAMAGE.

DBPAC099

    MSG  DBPAC099: END OF DATA. (VISAM)

DBPAC104

    MSG  DBPAC104: KEYS EQUAL - SEQUENCE ERROR. (VISAM +
    100)

DBPAC108

    MSG  DBPAC108: KEY NCT FOUND. (VISAM + 100)

DBPAC112

    MSG  DBPAC112: KEYS OUT OF SEQUENCE. (VISAM + 100)

DBPAC115

    MSG  DBPAC115: KEYS DO NOT COINCIDE. (VISAM + 100)

DBPAC120

    MSG  DBPAC120: KEYS COINCIDE. (VISAM + 100)

DBPAC124

    MSG  DBPAC124: INVALID RETRIEVAL ADDRESS. (VISAM +
    100)

DBPAC128

    MSG  DBPAC128: INVALID RECORD LENGTH. (VISAM + 100)

DBPAC131

    MSG  DBPAC131: FCSITION PAST END OF DATA SET. (VISAM
    + 100)

DBPAC136

    MSG  DBPAC136: POSITION BEFORE START OF DATA SET. (VISAM + 100)

DBPAC140

    MSG  DBPAC140: EXCEED MAXIMUM NUMBER OF OVERFLOW PAGES. (VISAM + 100)

DBPAC144

    MSG  DBPAC144: EXCEED MAXIMUM SIZE OF SHARED DATA SET. (VISAM + 100)

DBPAC145

    MSG  DBPAC145: NO DATASET NAME FOUND WHICH IS LIKE THE GIVEN ONE. (VISAM)

DBPAC200

    MSG  DBPAC200: ATTEMPT TO PUT OR REPUT NULL PATTERN.

DBPAC201

    MSG  DBPAC201: ATTEMPT TC PUT OR REPUT TO READONLY FIELD.

DBPAC202

    MSG  DBPAC202: UNDEFINED SUBFILE OR INDEXED FIELD (READ, LCCATE, OR UNLOCK).

DBPAC203

    MSG  DBPAC203: NOT AN INDEXED FIELD.

DBPAC204

    MSG  DBPAC204: NOT A SUBFILE <CONTROL> FIELD.

DBPAC205

    MSG  DBPAC205: ICCATE TC INPUT FILE.

DBPAC206

    MSG  DBPAC206: NO CURRENT ANCHOR RECORD (LOCATE SUBFILE).

DBPAC207

MSG   DBPAC207:  ANCHOR   RECORD   NOT   LOCKED   (LOCATE
SUBFILE).

DBPAC208

MSG   DBPAC208:  NO   CURRENT   SUBRECORD   (READ   PER
SUBFILE).

DBPAC209

MSG   DBPAC209:  ANCHOR   RECORD   NOT   CURRENT   (DELETE
SUBRECORD).

DBPAC210

MSG   DBPAC210:   THE   FILE   IS   NOT   OPEN   (TO   POST
FLDTAB).

DBPAC211

MSG   DBPAC211:   DESCRIPTOR   DAMAGE   DETECTED   WHILE
POSTING FLDTAB.

DBPAC212

MSG   DBPAC212:  ANCHOR   RECORD   NOT   LOCKED   (DELETE
SUBRECORD).

DBPAC213

MSG   DBPAC213:  ANCHOR RECORD NOT PARENT OF SUBRECORD
(DELETE SUBRECORD).

DBPAC214

MSG   DBPAC214:  SUBRECORD ID   NOT   FOUND   IN   CONTROL
FIELD (DELETE SUBRECORD).

DBPAC215

MSG   DBPAC215:  DUPLICATE FIXED LENGTH ELEMENT (PUT OR
REPUT).

DBPAC216

MSG   DBPAC216:  DUPLICATE VARYING LENGTH   ELEMENT (PUT
OR REPUT).

DBPAC217

MSG   DBPAC217:  LOCATE SUBFILE NOT DONE BECAUSE 131071
REGIONS USED.

DBPAC218

    MSG  DEPAC218: NAMEFLD FIELD LENGTH INVALID. SHOULD
         RE 2 PLUS A MULTIPLE OF 9.

DBPAC219

    MSG  DEPAC219: GET SUPERFIELD REQUIRES CURRENT
         SUEFILE RECORE.

DBPAC220

    MSG  DBPAC220: RSECTYCD FIELD LENGTH INVALIC. SHOULD
         BE 2 PLUS A MULTIFLE OF 9.

DBPAC221

    MSG  DBPAC221: NCN-CWNER ATTEMPTED TO OPEN ASSOCIATE
         HAVING RECCRD IEVEL SECURITY.

DBPRINO1

    MSG  CANCELLEC: CONVERSION ERROR ON '$01' IN '$02'.

    EXP  THE NASIS PRINT MONITOR ENCOUNTERED THE
         INDICATED CATA BASE ERROR WHILE ATTEMPTING TO
         SET UP A PRINT TASK.

DBPRINO2

    MSG  CANCELLED: SIZE ERROR IN MODULE RDBPRINT.

    EXP  A DATA PARAMETER ENTERED BY THE TERMINAL USER
         WAS TOO LARGE FOR THE RECIEVING AREA.

DBPRIN1C

    MSG  ENTER COMMAKD

    EXP  THE VALID CCMMANDS ARE:
         CANCEL   ,COPIES   ,END      ,EXHIBIT ,
         HOID     ,KEYS     ,NUMBER  ,PRINT   ,
         REIEASE

    RSP  THE COMMAND FORMATS ARE:
         CANCEL   IC=NASIS-ID,BSN=<*ALL><BSN>
         COFIES   IC=NASIS-ID,BSN=BSN
         ENC
         EXHIBIT  IC=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
         HOID     IC=<*AIL><NASIS-IC,BSN=<*ALL><BSN>>
         KEYS     IC=NASIS-IC,BSN=BSN
         NUMBER   IC=<*AIL><NASIS-ID>
         PRINT    IC=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>

```
            RELEASE  ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>

DBPRIN15

   MSG  '$01' INVALID COMMAND, REENTER

   EXP  THE VALID COMMANDS ARE:
        CANCEL    ,COPIES    ,END       ,EXHIBIT  ,
        HOLD      ,KEYS      ,NUMBER    ,PRINT    ,
        RELEASE

   RSP  THE COMMAND FORMATS ARE:
        CANCEL    ID=NASIS-ID,BSN=<*ALL><BSN>
        COPIES    ID=NASIS-ID,BSN=BSN
        END
        EXHIBIT   ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
        HOLD      ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
        KEYS      ID=NASIS-ID,BSN=BSN
        NUMBER    ID=<*ALL><NASIS-ID>
        PRINT     ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
        RELEASE   ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>

DBPRIN20

   MSG  ENTER ID

   EXP  ENTER THE NASIS-ID YOU WISH TO PROCESS.

DBPRIN25

   MSG  '$01' INVALID NASISID, REENTER

DBPRIN30

   MSG  ENTER BSN

   EXP  ENTER THE BSN YOU WISH TO PROCESS.

   RSP  'BSN' REFERS TO THE PRINT  BATCH SEQUENCE NUMBER
        ASSIGNED BY  THE PRINT COMMAND.  VALID RESPONSES
        ARE:
             N - ANY NUMBER IN THE RANGE 0 < N < 200
          N1-N2  - A RANGE OF NUMBERS WHERE 0 < N1 < N2 <
          200
            *ALL - MEANS PRINT ALL BSNS.

DBPRIN35

   MSG  '$01' INVALID BSN, REENTER

   EXP  ENTER THE BSN YOU WISH TC PROCESS.

   RSP  'BSN' REFERS TO  THE PRINT BATCH SEQUENCE NUMBER
```

ASSIGNED BY THE PRINT COMMAND.  VALID  RESPONSES
ARE:
        N - ANY NUMBER IN THE RANGE 0 < N < 200
    N1-N2 - A RANGE CF NUMBERS WHERE 0 < N1 < N2 <
    200
      *ALL - MEANS PRINT ALL BSNS.

DBPRIN40

  MSG   '$01' INVALID BSN, <*ALL> ASSUMED.

DBPRIN45

  MSG   CANCELLED: UNABLE TO CATALOG NASIS.PRINT(0).

  EXP   AN UNRECOVERABLE ERROR OCCURED IN A NASIS SYSTEM
        PROGRAM.

DBPRIN50

  MSG   CANCELLED: UNABLE TO DATADEF NASIS.USERIDS.

  EXP   AN UNRECOVERABLE ERROR OCCURED IN A NASIS SYSTEM
        PROGRAM.

DBPRIN55

  MSG   DEPAC ERROR: $01, FILE: $02.

  EXP   AN  UNRECOVERABLE  ERROR OCCURED WHILE ACCESSING
        THE FILE FROM WHICH YOU WISH TO PRINT.

DBPRIN60

  MSG   ERROR ON $01.STRATEGY.DATASET.

  EXP   AN  UNRECOVERABLE  ERROR  OCCURRED  IN  A  NASIS
        SYSTEM PROGRAM.

DBPRIN65

  MSG   ($01)  NUMBER SCHEDULED= $02,  HELD= $03, TOTAL=
        $04.

DBPRIN70

  MSG   ($01) PRINT BSN= $02 HELD.

DBPRIN75

  MSG   ($01) PRINT BSN= $02 SKIPPED.

DBPRIN80

MSG   ($01) PRINT BSN= $02 COMPLETED.

DBPRIN85

MSG   $01 COMMAND COMPLETED.

DBPRIN90

MSG   $01 COMMAND TERMINATED.

DBPRIN95

MSG   PRINT MONITOR TERMINATED.

DBPRIN99

MSG   $01 COMMAND NOT YET SUPPORTED.

DBPRNT05

MSG   ENTER SET

EXP   ENTER THE NUMBER OF THE SET YOU WISH TO PRINT.

DBPRNT29

MSG   ENTER FORMAT

EXP   ENTER THE NUMBER OF THE  FORMAT YOU WISH TO  USE
      OR DEFAULT.

RSP   THE   FORMAT NUMBER SPECIFIES   EITHER A STORED OR
      PREDEFINED FORMAT WHICH MAY BE EITHER SEQUENTIAL
      OR COLUMNAR. THE VALID RESPONSES ARE:
          N - WHERE 0 < N < 26
          FN - WHERE 0 < N < 26
      CARRAIGE RETURN IMPLIES DEFAULT.

DBPRNT30

MSG   FORMAT $01 (SEQUENTIAL) ASSUMED.

DBPRNT31

MSG   CANCELLED: FORMAT '$01' INVALID.

DBPRNT32

MSG   FORMAT '$01' INVALID, REENTER

DBPRNT33

MSG   WARNING: RANGE '$01-$02' ASSUMED.

DBPRNT35

  MSG  CANCELLED: RANGE '$01' INVALID.

DBPRNT36

  MSG  ENTER RANGE

  EXP  ENTER THE  RANGE CF  KEYS  IN THE  SET WHICH YOU
      WISE TO PRINT.

  RSP  VALID RESPONSES ARE:
         N  -  WHERE  N COUNTS THE  NUMBER  OF  KEYS
      STARTING FROM THE FIRST,
      N1-N2 - WHERE N1 IDENTIFIES THE FIRST KEY AND N2
      IDENTIFIES THE LAST.

DBPRNT37

  MSG  RANGE '$01' INVALID, REENTER

DBPRNT50

  MSG  PRINT LOGGED FOR $01.

  EXP  A SEARCH COMMAND PRINT REQUEST HAS BEEN ASSIGNED
      THE INDICATED POSITION IN  THE BATCH PRINT QUEUE
      FOR LATER PROCESSING.

DBPRNT55

  MSG  CANCELLED: PRINT QUEUE FULL.

  EXP  THE PRINT COMMAND IS UNABLE TO SCHEDULE ANY MORE
      PRINT TASKS  FOR  YOUR USERID.  YOU MUST  EITHER
      CANCEL SOME SCHEDULED PRINTS OR WAIT UNTIL  THEY
      ARE COMPLETED.

DBPRNT60

  MSG  CANCELLED: UNABLE TO SAVE PRINT DATA.

  EXP  THE  PRINT  COMMAND  ENCOUNTERED  SYSTEM  ERRORS
      ATTEMPTING  TO  SCHEDULE YOUR  PRINT  TASK. CALL
      YOUR DBA FOR ASSISTANCE.

DBPRNT65

  MSG  CANCELLED:  LOW  RANGE ($01)  EXCEEDS  NUMBER OF
      KEYS ($02) IN $03.

  EXP  THE  LOWER  LIMIT  OF  THE  RANGE  PARAMETER  IS
      GREATER THAN THE NUMBER OF KEYS IN THE SET.

DBPRNT70

   MSG   CANCELLED: SET $01 RAISED DATABASE ERROR $02.

   EXP   THE PRINT COMMAND  ENCOUNTERED  DATA BASE ERRORS
         WHILE  ATTEMPTING  TO HONOR YOUR  REQUEST.  CALL
         YOUR DBA FOR ASSISTANCE.

DBPRNT75

   MSG   PRINT ($01) QUEUED.

   EXP   YOUR   PRINT  REQUEST   HAS  BEEN  ASSIGNED   THE
         INDICATED POSITION IN THE BATCH PRINT QUEUE  FOR
         LATER PROCESSING.

DBPRNT80

   MSG   CANCELLED: PRINT '$01' INVALID.

   EXP   THE CANCEL COMMAND REFERS TO  A PRINT  BSN WHICH
         IS NOT WITHIN THE RANGE OF POSSIBLE VALUES.

DBPRNT90

   MSG   PRINT ($01) CANCELLED.

   EXP   THE    CANCEL    COMMAND    WAS    ACCEPTED    AND
         ACCOMPLISHED.

DBPRNT95

   MSG   CANCELLED: ERROR ACCESSING PRINT FILE.

   EXP   THE   PRINT/CANCEL  COMMAND  EXCOUNTERED   SYSTEM
         ERRORS WHILE ATTEMPTING TO HONOR YOUR REQUEST.

DBPRO*01

   MSG   CANCELLED: ERROR ACCESSING PROFILE.

DBPRO*02

   MSG   CANCELLED: I/O ERROR ACCESSING PROFILE.

DBPRO*03

   MSG   CANCELLED: SYSTEM ERROR.

DBPRO*04

   MSG   $01 IGNORED, COMMAND NAMES CANNOT BE MODIFIED.

DBPRO*05

   MSG   $01 IGNORED, COMMAND NAMES CANNOT BE DELETED.

DBPRO*06

   MSG   $01 IGNORED, TSS COMMANDS CANNOT BE SYNONYMED.

DBPRO*07

   MSG   CANCELLED: $01 IS INVALID.

DBPRO*08

   MSG   CANCELLED: NO MORE PAGES $01.

DBPRO*09

   MSG   CANCELLED: THERE ARE NO $01S IN YOUR PROFILE.

DBPRO*10

   MSG   PAGING DIRECTION $01 INVALID, FORWARD ASSUMED.

DBPRTM01

   MSG   CANCELLED: CATALOG ERROR $01.

   EXP   MAINTENANCE  PRINT   CANCELLED   DUE   TO   ERROR
         ATTEMPTING  TO  CATALOG   NASISID.LIST.REPORTDS.
         SEE ASSEMBLER USERS MACRO FOR ERROR NUMBER.

DBPRTM02

   MSG   CANCELLED: DDEF ERROR $01.

   EXP   MAINTENANCE  PRINT   CANCELLED   DUE   TO   ERROR
         ATTEMPTING  TO  DDEF  NASISID.LIST.REPORTDS(+1).
         SEE ASSEMBLER USERS MACRO FOR ERROR NUMBER.

DBPRTM03

   MSG   CANCELLED: PRINT ERROR $01.

   EXP   MAINTENANCE  PRINT  CANCELLED   DUE  TO   ERROR
         ATTEMPTING  TO  PRINT  NASISID.LIST.REPORTDS(0).
         SEE ASSEMBLER USERS MACRO FOR ERROR NUMBER.

DBPRTM04

   MSG   CANCELLED: ERROR $01 ON MASIS.STATIC DATASET.

   EXP   MAINTENANCE   PRINT   CANCELLED   DUE   TO   NOTED

ERROR.

DBPRTM05

    MSG  ENTER NUMBER OF COPIES

    EXP  ENTER THE NUMBER OF COPIES OF MAINTENANCE STATISTICS TO BE PRINTED. DEFAULT 1.

    RSP  ENTER THE NUMBER OF COPIES OF MAINTENANCE STATISTICS TO BE PRINTED. DEFAULT 1.

DBPRTR01

    MSG  CANCELLED: ERROR $01, ATTEMPTING TO $02  GDG FOR RETRIEVAL STATISTICS PRINT.

    EXP  AN ERROR $01 HAS OCCURRED WHILE TRYING TO CATALOG, DDEF, OR PRINT THE RETRIEVAL STATISTICS REPORT.  NOTIFY YOUR DBA.

DBSETS01

    MSG    $01

DBSETS91

    MSG  CANCELLED: NO MORE PAGES $01.

    EXP  THE USER TRIED TO PAGE IN DIRECTION $01 (FORWARD OR BACKWARD) BEYOND THE LIMITS OF THE SETS COMMAND.

DBSETS92

    MSG  CANCELLED: TSGETRG ERROR.

    EXP  AN ERROR HAS OCCURRED WHILE TRYING TO ACCESS THE SET EXPRESSION FROM THE STRATEGY LIBRARY. NOTIFY YOUR DBA.

DBSETS93

    MSG  CANCELLED: NO PSEUDO SETS AVAILABLE.

    EXP  NO PSEUDO-SETS (S-NUMBERS) HAVE BEEN CREATED, THUS NONE ARE AVAILABLE FOR DISPLAY.

DBSETS94

    MSG  CANCELLED: INVALID PARAMETER.

    EXP  THE USER ENTERED A CHARACTER OTHER  THAN A VALID

SET NUMBER OR AN 'S' AS A PARAMETER. THE SETS
COMMAND SHOULD BE REENTERED IN ONE OF THE
FOLLOWING FORMS:
    SETS
    SETS #
    SETS S
    SETS S#

DBSETS95

   MSG  CANCELLED: NUMBER > $01 CURRENT  NUMBER OF
        SETS.

   EXP  THE USER HAS REQUESTED HIS SETS DISPLAY TO BEGIN
        AT A SET NUMBER GREATER THAN THE CURRENT NUMBER
        OF SETS, $01. REENTER THE SETS COMMAND WITH A
        VALID SET NUMBER.

DBSETS96

   MSG  CANCELLED: NUMBER > $01 CURRENT  NUMBER OF
        S-NUMBERS.

   EXP  THE USER HAS REQUESTED HIS SETS DISPLAY TO BEGIN
        AT A S-NUMBER (PSEUDO-SET) GREATER THAN THE
        CURRENT NUMBER OF S-NUMBERS, $01. REENTER THE
        SETS COMMAND WITH A VALID S-NUMBER.

DBSETS97

   MSG  CANCELLED: INVALID SUFFIX.

   EXP  THE USER HAS ENTERED A SET NUMBER WITH AN
        INVALID SUFFIX. REENTER THE SETS COMMAND WITH
        JUST THE SET NUMBER, NO SUFFIX.

DBSFMT10

   MSG  CANCELLED: ERROR ACCESSING FORMAT $01.

DBSFMT11

   MSG  CANCELLED: FORMAT NAME $01 IS INVALID.

DBSFMT12

   MSG  CANCELLED: FORMAT $01 UNKNOWN.

DBSFMT13

   MSG  CANCELLED: FORMAT $01 IS SECURED.

DBSFMT14

MSG   FORMAT $01 IGNORED, FORMAT TABLE IS FULL.

DBSFMT15

MSG   WARNING: FORMAT $01 INTENDED FOR FILE $02.

DBSFMT16

MSG   WARNING: FORMAT $01 REQUIRES $02 COLUMNS.

DBSFMT17

MSG   CANCELLED: STORED FORMAT $01 IS INVALID.

DBSIVR10

MSG   $01 FILE RECORDS READ.

EXP   THE PROGRAM HAS READ ($01) FILE RECORDS.

DBSIVR11

MSG   $01 ELEMENTS PROCESSED.

EXP   $01 ELEMENTS HAVE BEEN READ AND WRITTEN TO THE
      SORTIN DATASET.

DBSIVR20

MSG   DBPAC ERROR($01) ON FILE($02).

EXP   DATABASE EXECUTIVE ERROR($01) HAS OCCURRED ON
      THE FILE($02).

DBSIVR21

MSG   RESTART FROM KEY $01.

EXP   THE PROGRAM HAS RESTARTED FROM THE FILE
      KEY($01).

DBSIVR22

MSG   ERRORFILE.CNCODE IS $01; FIELD NAME IS $02.

EXP   FIELDNAME ENTERED BY USER IS NOT ON THE FILE.

DBSIVR23

MSG   FILE ERROR($01) ON FILE($02).

EXP   ASSEMBLER I/O ERROR HAS OCCURED ON THE FILE
      NAMED.   SEE ERROR CODE INDEX FOR ERROR

EXPLANATION.

DBSIVR30

  MSG  $01 INDEX KEYS WRITTEN.

DBSIVR31

  MSG  $01 TRANSLATED KEYS WRITTEN.

  EXP  $01 INDEX KEYS IN THEIR EXTERNAL FORMAT HAVE
      BEEN WRITTEN.

DBSIVR43

  MSG  ENTER MODE(MODE) (F,R,S,3,T)

  EXP  INVERT MODE OF OPERATION IS NEEDED. SEE
      RESPONSE FOR VALID RESPONSES.

  RSP  VALID RESPONSES ARE:
      'F' FOR FIRST PASS
      'R' FOR RESTART AT STEP ONE
      'S' FOR RESTART AT SORT STEP
      '3' FOR RESTART AT STEP THREE
      'T' FOR RESTART AT TRANSLATION STEP

DBSIVR45

  MSG  ENTER FIELDS TO INDEX(FIELD) (FIELD,FIELD,...)

  EXP  ENTER THE NAMES OF THE FIELDS TO BE INVERTED
      WITH THIS INVERSION. DO NOT MIX ANCHOR OR
      ASSOCIATED FIELDS WITH SUBFILE FIELDS. MULTIPLE
      FIELDS MUST BE ENTERED WITH LEFT AND RIGHT
      PARENS: (FIELD,FIELD) FIELDS ON THE SAME INDEX
      FILE MUST BE KEPT TOGETHER IN THE MULTIPLE LIST.
      (A1,A2,A3,B1,B2,C).

  RSP  VALID RESPONSE IS ONE FIELD NAME OR ELEMENT LIST
      OF FIELD NAMES ENTERED AS (FIELD,FIELD,...).

DBSIVR46

  MSG  ENTER RECORDS TO PROCESS(RECORDS) (DEFAULT: ALL)

  EXP  ENTER THE NUMBER OF FILE RECORDS TO PROCESS WITH
      THIS INVERSION.

  RSP  RESPONSE MUST BE NUMERIC. DEFAULT IS ENTIRE
      FILE.

DBSIVR47

MSG   ENTER        RANGE        CF      KEYS        TO
      PROCESS(RANGE)(XXX,XXX)(DEF: ENTIRE FILE)

EXP   ENTER KEY TC START AT ANC KEY TO  FINISH AT AS A
      MULTIPLE FIELD.

RSP   RESPONSE  MUST  BE TWO VALID FILE  KEYS  ENTERED
      WITH LEFT AND RIGHT PARENS: (KEY,KEY).

DBSIVR50

MSG   FIELD($01) IS NOT AN INVERTED FIELD.

EXP   FIELD($01)  IS NCT FLAGGED AS AN  INVERTEC FIELD
      ON THE FILE DESCRIPTCRS.

DBSIVR51

MSG   FIELDS ARE CN MIXED FILES.

EXP   FIELDS  ENTERED    ARE   MIXED  ON  A   ANCHOR   OR
      ASSOCIATED FILE  AND  A  SUBFILE.  IT  WOULD  BE
      MEANINGLESS  TC INVERT  THESE  TOGETHER  ON  ONE
      INDEX FILE.

DBSIVR52

MSG   FIELD($01) IS A SECCNDARY FIELD.

EXP   FIELD($01) IS A SECONDARY  FIELD AND  CANNOT  BE
      INDEXED.

DBSLCT01

MSG   SELECT  CANCELLED:  INTERNAL  ERROR  AT OR  NEAR
      $01 .$02

EXP   THE DBSLCT MODULE HAS DETECTED THAT IT HAS  MADE
      A  LOGIC  ERROR  IN  PROCESSING   YOUR  SELECT
      EXPRESSION.

RSP   PLEASE SUBMIT YOUR  TERMINAL SHEET  OR A WRITTEN
      NOTE  SO THAT  THE  BUG  CAN BE  REPRODUCED  AND
      ERADICATED.  YOU MAY BE  ABLE  TO CIRCUMVENT THE
      BUG   BY  USING  A   DIFFERENT  FORM  OF  SELECT
      EXPRESSICN CR BY  USING SEVERAL  SIMPLER  SELECT
      COMMANDS.

DBSLCT02

MSG   ENTER SELECT EXPRESSION

EXP   ENTER AN EXPRESSION SPECIFYING THE CRITERIA  FOR

THE SET OF RECORDS (KEYS) TO BE SELECTED. THE
KEYWORD IS: EXPR.

RSP A SELECT EXPRESSION (KEYWORD: EXPR) IS COMPRISED
OF ONE OR MORE OF THE FOLLOWING
CRITERION/FORM/EXAMPLES;
    VALUE - AN EXPLICIT CRITERION
        <FIELDNAME RELATION> QUOTED-VALUE
        AGE='65'
    E NUMBER - A REFERENCE TO AN EXPAND LINE
NUMBER
        ENNN WHERE NNN IS A 1-3 DIGIT NUMBER
        E87
    SET NUMBER - A REFERENCE TO A PREVIOUSLY
SELECTED SET
        NN WHERE NN IS A 1-2 DIGIT NUMBER
        12
    S NUMBER - A REFERENCE TO A PREVIOUSLY DEFINED
PSEUDO-SET
        SNN WHERE NN IS A 1-2 DIGIT NUMBER
        S3
    IF MORE THAN ONE CRITERIA ARE SPECIFIED THEY
MUST BE SEPARATED BY A BOOLEAN OPERATOR.
PARENTHESES MAY BE USED FOR GROUPING. THE
BOOLEAN OPERATORS ARE;
    ¬ THE EXCLUDING (AND NOT) RELATION
    & THE INTERSECTION (AND) RELATION
    | THE UNION (OR) RELATION
FOR EXAMPLE: EXPR=(AGE='65'|E87)&12

DBSLCT03

    MSG ENTER SELECT FIELD NAME

    EXP ENTER THE NAME OF THE FIELD FOR THE VALUE
TEST(S) SPECIFIED IN YOUR SELECT EXPRESSION.
THE KEYWORD IS: FIELD.

    RSP THE SELECT FIELD NAME (KEYWORD: FIELD) IS THE
1-8 ALPHANUMERIC CHARACTER NAME OF THE FIELD TO
BE TESTED. IF YOU DO NOT KNOW ITS EXACT
SPELLING, YOU MAY ENTER:
'/END;FIELDS;PAGE;SELECT' AND THEN RE-ENTER THE
SELECT EXPRESSION AND THEN ENTER THE FIELD
NAME.

DBSLCT04

    MSG SELECT CANCELLED: INVALID CHARACTER NEAR
'$01'.

    EXP AN INVALID CHARACTER (NOT QUOTED) HAS BEEN FOUND
IN THE SELECT EXPRESSION.

        RSP  RE-ENTER THE   SELECT   COMMAND  WITH  A  VALID
             EXPRESSION.

   DBSLCT06

        MSG  SELECT CANCELLED: INVALID  DOUBLE OPERATOR  NEAR
             '$01'.

        EXP  TWO  CONSECUTIVE  OPERATORS  (NOT   A  COMPOSITE
             OPERATOR)  HAVE   BEEN  FOUND  IN  THE   SELECT
             EXPRESSION.

        RSP  RE-ENTER THE SELECT CCMMAND  WITH  A  VALID
             EXPRESSION.

   DBSLCT10

        MSG  SELECT  CANCELLED: UNBALANCED  (S  AND  )S  NEAR
             '$01'.

        EXP  UNBALANCED  PARENTHESES   HAVE BEEN FOUND  IN THE
             SELECT EXPRESSION.

        RSP  RE-ENTER  THE   SELECT  COMMAND  WITH  A  VALID
             EXPRESSION.

   DBSLCT12

        MSG  SELECT  CANCELLED: INVALID QUOTE CHARACTER  NEAR
             '$01'.

        EXP  AN INVALID QUOTE CHARACTER HAS BEEN FOUND IN THE
             SELECT EXPRESSION.

        RSP  RE-ENTER  THE   SELECT  COMMAND  WITH  A  VALID
             EXPRESSION.

   DBSLCT14

        MSG  SELECT CANCELLED: INVALID USE OF / NEAR '$01'.

        EXP  AN  INVALID USE CF THE SLASH CHARACTER HAS  BEEN
             FOUND IN THE SELECT EXPRESSION.

        RSP  THE FUNCTICN  CHARACTERS THAT MAY  PRECEDE SLASH
             ARE:
               | & P C U $
             RE-ENTER THE   SELECT  COMMAND  WITH  A   VALID
             EXPRESSION.

   DBSLCT16

        MSG  INTERNAL WORK STRING LENGTH  EXCEEDED.  POSSIBLY

TOO MANY E#S, NEAR '$C1'.

DBSLCT18

  MSG  INVALID REPLACEMENT S-NUMBER.

DBSLCT22

  MSG  SELECT  CANCELLED:  UNKNOWN  ITEM  TYPE  NEAR
       '$01'.

  EXP  AN  UNKNOWN ITEM  TYPE HAS  BEEN  FOUND  IN  THE
       SELECT EXPRESSION.

  RSP  IF THE ITEM IS A VALUE, IT MUST BE QUOTED.
       RE-ENTER  THE  SELECT  COMMAND  WITH  A  VALID
       EXPRESSION.

DBSLCT32

  MSG  NULL VALUE VALID ONLY WITH '¬=' OPERATOR.

DBSLCT34

  MSG  'CHILDREN OF' OPERATION SPECIFIED BUT NO SUBFILE
       GIVEN.

  EXP  FORMAT:  C/SUBFILE OPERAND   AS: C/KID 1

DBSLCT40

  MSG  SELECT  CANCELLED:  INVALID  FIELD  NAME  NEAR
       '$01'.

  EXP  AN  INVALID  FIELD  NAME HAS  BEEN  FOUND  IN THE
       SELECT EXPRESSION.

  RSP  YOU  MAY  ENTER A FIELDS COMMAND TO DISPLAY  THE
       VALID FIELD NAMES.  RE-ENTER  THE SELECT COMMAND
       WITH A VALID EXPRESSION.

DBSLCT42

  MSG  SELECT CANCELLED: SEARCH  ON MORE THAN ONE FIELD
       NEAR '$01'.

  EXP  IMPLEMENTATION RESTRICTION:  THE RDBEXSR  MODULE
       CAN ONLY SEARCH ONE FIELD AT A TIME.

  RSP  ENTER TWO OR MORE SELECT COMMANDS EACH SEARCHING
       NO MORE THAN ONE FIELD.

DBSLCT44

MSG   SELECT  CANCELLED:  INVALID   SET   NUMBER    NEAR
      '$01'.

EXP   AN   INVALID SET   NUMBER  HAS BEEN   FOUND IN   THE
      SELECT EXPRESSION.

RSP   YOU MAY ENTER  A  SETS COMMAND  TO  DISPLAY  THE
      VALID SET  NUMBERS.  RE-ENTER THE SELECT COMMAND
      WITH A VALID EXPRESSION.

DBSLCT46

MSG   SELECT CANCELLED: INVALID E-NUMBER NEAR '$01'.

EXP   AN INVALID REFERENCE TO  AN EXPAND  LINE  NUMBER
      HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP   YOU MAY  RE-ENTER AN EXPAND  COMMAND TO  DISPLAY
      VALID  E-NUMBERS.   RE-ENTER  THE SELECT COMMAND
      WITH A VALID EXPRESSION.

DBSLCT48

MSG   SELECT CANCELLED: S-NUMBER NOT YET  DEFINED NEAR
      '$01'.

EXP   AN UNDEFINED PSEUDO-SET NUMBER HAS BEEN FOUND IN
      THE SELECT EXPRESSION.

RSP   YOU MAY ENTER A 'SETS S1' COMMAND TO DISPLAY THE
      VALID PSEUDO-SET S-NUMBERS.  RE-ENTER THE SELECT
      COMMAND WITH A VALID EXPRESSION.

DBSLCT50

MSG   SELECT CANCELLED: S-NUMBER HAS BEEN DELETED NEAR
      '$01'.

EXP   A  DELETED PSEUDO-SET  NUMBER HAS  BEEN FOUND IN
      THE SELECT EXPRESSION.

RSP   YOU MAY ENTER A 'SETS S1' COMMAND TO DISPLAY THE
      VALID PSEUDO-SET S-NUMBERS.  RE-ENTER THE SELECT
      COMMAND WITH A VALID EXPRESSION.

DBSLCT54

MSG   SELECT  CANCELLED:  INVALID  CONTROL FIELD  NAME
      NEAR '$01'.

EXP   AN INVALID  SUBFILE CONTROL FIELD  NAME HAS BEEN
      FOUND IN THE SELECT EXPRESSION.

RSP  YOU MAY ENTER A  FIELDS COMMAND TO DISPLAY THE
     VALID SUBFILE CONTROL FIELD NAMES.  RE-ENTER THE
     SELECT COMMAND WITH A VALID EXPRESSSION.

DBSLCT56

   MSG  SELECT CANCELLED:  INVALID ITEMS FOLLOW / NEAR
        '$01'.

   EXP  INVALID ITEMS HAVE BEEN FOUND FOLLOWING A SLASH
        IN THE SELECT EXPRESSSION.

   RSP  A SLASH, SIGNIFYING RANGE, MUST  BE FOLLOWED  BY
        AN  ITEM, A  COLON CHARACTER AND  THEN  ANOTHER
        ITEM.  THE TWO  ITEMS MUST BE THE  SAME TYPE AND
        MAY  BE QUCIED  VALUES, E-NUMBERS, SET  NUMBERS,
        OR  PSEUDO-SET  S-NUMBERS.  RE-ENTER THE  SELECT
        COMMAND WITH A VALID EXPRESSION.

DBSLCT57

   MSG  INVALID USE OF  /  .

DBSLCT58

   MSG  TOO MANY S#'S.

DBSLCT62

   MSG  SELECT CANCELLED: SEARCH RELATION MUST  BE 'OR'
        NEAR '$01'.

   EXP  IMPLEMENTATICN  RESTRICTICN:  THE RDBEKSR MODULE
        ONLY  SUPPORTS  THE  UNION  (OR) RELATICN  AMONG
        MULTIPLE VALUES.

   RSP  ENTER A SEPARATE SELECT COMMAND FOR  EACH VALUE
        AND THEN  SELECT THE DESIRED BOOLEAN COMBINATION
        OF THE PSEUDO-SET S-NUMBERS.

DBSLCT68

   MSG  SELECT   CANCELLED:   INCOMPATIBLE   SETS   NEAR
        '$01'.

   EXP  THE SELECT EXPRESSION HAS  A BOOLEAN OPERATOR, &
        | ¬, BETWEEN INCOMPATIBLE SETS.

   RSP  YOU MAY  ENTER A 'SETS'  COMMAND TO DISPLAY  THE
        PREVIOUSLY SELECTED SETS.
        TO COMBINE  A PARENT SET WITH  A SUBFILE SET YOU
        MUST SPECIFY EITHER
           (A)  PARENT  SET   COMBINED  WITH  PARENTS  OF

SUBFILE SET, OR
(B) CHILDREN OF PARENT SET COMBINED WITH
SUBFILE SET.
EXAMPLES OF (A) COULD BE 1 & P/2 OR U/2 & 1
WHICH WILL YIELD A PARENT SET.
AN EXAMPLE OF (B) COULD BE C/KID 1 & 2 WHICH
WOULD YIELD A SUBFILE SET (ASSUMING 1 IS A
PARENT SET AND 2 IS A 'KID' SUBFILE SET.)
TWO SUBFILE SETS FROM DIFFERENT SUBFILES CAN
ONLY BE COMBINED VIA A PARENT SET.

DBSLCT70

   MSG   SELECT CANCELLED: MISSING OR OUT OF SEQUENCE
        ITEM NEAR '$01'.

   EXP   A MISSING OR OUT OF SEQUENCE ELEMENT OR OPERATOR
        HAS BEEN DETECTED IN THE SELECT EXPRESSION.

   RSP   RE-ENTER THE SELECT COMMAND WITH A VALID
        EXPRESSION.

DBSLCT72

   MSG   OBJECT SET FOR 'PARENTS OF' OPERATOR IS ALREADY
        PARENT SET NEAR '$01'.

DBSLCT73

   MSG   OBJECT SET FOR 'CHILDREN OF' OPERATOR IS ALREADY
        CHILD SET NEAR '$01'.

DBSLCT74

   MSG   TOO MANY SETS.

DBSLCT76

   MSG   MISSING OR INVALID OPERATOR NEAR '$01'.

DBSLCT78

   MSG   SEARCH TERM NOT RIGHTMOST IN EXPRESSION.

   EXP   FOR OPTIMIZATION, TERMS WITH NON-INDEXED FIELDS
        SHOULD APPEAR AT THE FAR RIGHT OF THE
        EXPRESSION.

DBSLCT80

   MSG   SEARCH UNIVERSE TOO LARGE.

DBSLCT90

MSG   SELECT $01 IF

EXP   ANY VALID SELECT EXPRESSION MAY BE ENTERED.  THE
      EVALUATION OF THE EXPRESSION IS LIMITED TO THOSE
      KEYS CONTAINED IN THE SET SPECIFIED IN  THE
      SELECT IF PROMPT.

DBSLCT91

MSG   ENTER SEARCH UNIVERSE EXPRESSION

DBSLCT98

MSG   SELECT CANCELLED:  NEAR  '$01',  DBLIST  ERROR
      '$02'.

EXP   THE LIST PROCESSING MODULE, DBLIST, HAS RETURNED
      AN ERROR CODE TO THE DBSLCT MODULE.

RSP   PLEASE SUBMIT YOUR TERMINAL SHEET  OR A  WRITTEN
      NOTE  SO  THAT  THE  BUG CAN BE  REPRODUCED  AND
      ERADICATED.  YOU MAY ENTER  'EXPLAIN DBLISTNN'
      WHERE  NN  IS  THE  TWO  DIGIT  ERROR  CODE  FOR
      FURTHER DETAIL.

DBSLCT99

MSG   SELECT   CANCELLED:  NEAR  '$01',  DBPAC  ERROR
      '$02'.

EXP   THE  DATA  BASE  EXECUTIVE  MODULE,  DBPAC,  HAS
      RETURNED AN ERROR CODE TO THE DBSLCT MODULE.

RSP   PLEASE SUBMIT  YOUR  TERMINAL SHEET OR A WRITTEN
      NOTE SO  THAT THE  BUG  CAN  BE  REPRODUCED  AND
      ERADICATED.  YOU  MAY  ENTER 'EXPLAIN DBPACNNN'
      WHERE  NNN  IS  THE THREE-DIGIT  ERROR  CODE FOR
      FURTHER DETAIL.

DBSTAT01

MSG   CANCELLED: ERROR $01 ON STATIC DESCRIPTORS.

EXP   DBPAC  ERROR  $01  OCCURRED  WHILE  OPENING  THE
      STATISTIC DESCRIPTOR FILE.  NOTIFY YOUR DBA.

DBSTAT02

MSG   CANCELLED: ERROR $01 ON STATISTIC  FILE, FIELD =
      $02.

EXP   DBPAC ERROR $01 OCCURRED WHILE POSTING FIELD $02
      OF THE STATISTIC FILE.  NOTIFY YOUR DBA.

DBSTRTO1

  MSG  CANCELLED:  OPTION  $01  NOT  NAMES,   LIST   OR
  DELETE.

DBSTRTO2

  MSG  CANCELLED: UNABLE TO DELETE $01.

DBSTRTO3

  MSG  CANCELLED: UNABLE TO RENAME $01.

DBSTRTO4

  MSG  WARNING: ERROR WRITING $01, STRATEGY SAVING WILL
  BE BYPASSED.

DBSTRTO5

  MSG  WARNING:  ERROR   READING  $01,   DATA  MAY   BE
  INCOMPLETE.

DBSTRTO6

  MSG  CANCELLED: NO MORE PAGES $01.

DBSTRTO7

  MSG  CANCELLED: STRATEGY $01 UNKNOWN.

DBSTRTO8

  MSG  CANCELLED: THERE ARE NO SAVED STRATEGIES.

DBSTRTO9

  MSG  PAGING DIRECTION $01 INVALID, FORWARD ASSUMED.

DBSTRT10

  MSG  CANCELLED: NO STRATEGY NAME ENTERED.

DBTESTO1

  MSG  $01

DBTESTO2

  MSG  $01    LENGTH=$02.

DBTESTO3

```
        MSG   DB ERROR OF $01. FIELD=$02.

DBTEST04

   MSG   LIST ERROR OF $01.

DBTEST05

   MSG      A      OP   ONFIELD  D SYSERROR.A  ONCODE   CNT
            ROUTINE  CNT ONRETURN  ONFILE

DBTEST06

   MSG   SYS ONCODE   CNT  ROUTINE     FIRST     LAST

DBTEST07

   MSG   PREV  PTR NEXT  PTR CONT      STRNG   MKEYS  #KEYS
         READ     GET   SIZE FLD NAME          CONVERSION

DBTEST08

   MSG   INIT  OP ONFIELD SYS  ONCODE   CNT    ROUTINE  CNT
         ONRETURN ONFILE    CLFILE  OWNER_ID  DSNAME

DBTEST09

   MSG   ACC SAV FC CURRF LASTF ARR_S

DBTEST10

   MSG        FILENAME     DTF      FCBP     KYC   CURR  LOCK
         WRIT REWR CLOS OPEN RECNT

DBTEST11

   MSG   NASIS_ID    SECURITY     OWNER_ID        STRATEGY
         TSKID MTT DIS RET RES RER TST CNV

DBTEST12

   MSG   LENGTH OF $01=$02.

DBTEST13

   MSG   COUNT OF FIELD $01=$02.

DBTEST14

   MSG   COUNT OF $01 ITEMS = $02.

DBTEST15
```

MSG   COUNT OF INDEX REFERENCES OF $01=$02.

DBTEST16

   MSG   TO NEXT LINE CONTAINS SAME AS ABOVE.

DBTEST17

   MSG       A    OP      ONFIELD          D   SYS   ERROR.A
             ONCODE    COUNT    ROUTINE    COUNT    ONRETURN
             ONFILE

DBTEST18

   MSG   SYS ONCODE   COUNT    ROUTINE    FIRST    LAST

DBTEST19

   MSG   PREV PTR   NEXT PTR CONT STR MKEY  #KEY  READ GET
         SIZE    FIELD NAME          CONVERSION

DBTEST20

   MSG   INIT   OP       ONFIELD     SYS    ONCODE     COUNT
         ROUTINE       COUNT    ONRETURN        ONFILE
         OLFILE       OWNER_

DBTEST21

   MSG       DSNAME CC SAV FC CURR LAST ARRS

DBTEST22

   MSG           FILENAME        DTP     FCBP    KYC CURR
         LOCK WRIT REWR CLOS OPEN RDCT

DBTEST23

   MSG       NASIS_ID           SECURITY        OWNER_ID
         STRATEGY            TASK_ID   MTT   DIS RET   RES
         PER TST

DBTEST24

   MSG   ONCODE=$01, ONSOURCE=$02.

DBTEST25

   MSG   ENTER ACCESS MODE (SEQ,DIR)

DBTEST26

   MSG   ENTER COMMAND FLAG

```
DBTEST27

  MSG   ENTER STRING VALUE

DBTEST28

  MSG   ENTER VARIABLE NAME

DBTEST29

  MSG   ENTER DB CALL TYPE

DBTEST30

  MSG   IS FILE TO BE ERASED?

DBTEST31

  MSG   ENTER FIELD NAME

DBTEST32

  MSG   WHICH FILE TO BUILD LIST FROM?

DBTEST33

  MSG   ENTER INDEXED FIELD NAME

DBTEST34

  MSG   ENTER INPUT/OUTPUT AREA NAME

DBTEST35

  MSG   ENTER KEY

DBTEST36

  MSG   WHICH KEY?

DBTEST37

  MSG   ENTER LISPID

DBTEST38

  MSG   ENTER LIST NAME

DBTEST39

  MSG   ENTER LOCK OPTION

DBTEST40
```

MSG  ENTER LIST SIZE

DBTEST41

   MSG  IS MPCB TO BE RELEASED?

DBTEST42

   MSG  ENTER LISTS

DBTEST43

   MSG  ENTER INVALID OPCODE IN DECIMAL

DBTEST44

   MSG  ENTER OPEN OPTION (IN,OUT,UPD)

DBTEST45

   MSG  ENTER DATAPLEX OWNER'S USERID

DBTEST46

   MSG  ENTER DATAPLEX NAME

DBTEST47

   MSG  ENTER READ DIRECTION

DBTEST48

   MSG  ENTER SUBFILE CONTROL FIELD NAME

DBTEST49

   MSG  ENTER SECURITY CODE

DBTEST50

   MSG  ENTER INPUT LIST NAME

DBTEST51

   MSG  ENTER FIRST INPUT LIST NAME

DBTEST52

   MSG  ENTER SECOND INPUT LIST NAME

DBTEST53

   MSG  $01 INVALID ACCESS MODE. REENTER

DBTEST54

  MSG   $01 INVALID VARIABLE NAME. REENTER

DBTEST55

  MSG   $01 INVALID DB TYPE. REENTER

DBTEST56

  MSG   $01 NOT 'ERASE'. REENTER

DBTEST57

  MSG   $01 INVALID IFN. REENTER

DBTEST58

  MSG   $01 INVALID INPUT LIST NAME. REENTER

DBTEST59

  MSG   $01 INVALID I/O NAME. REENTER

DBTEST60

  MSG   LENGTH VALUE IN $01 INVALID. REENTER

DBTEST61

  MSG   $01 INVALID LIST NAME. REENTER

DBTEST62

  MSG   $01 INVALID LIST OPERATOR. REENTER

DBTEST63

  MSG   $01 INVALID LIST. IGNORED.

DBTEST64

  MSG   LIST SIZE $01 INVALID. REENTER

DBTEST65

  MSG   $01 NOT 'N' OR 'NO'. REENTER

DBTEST66

  MSG   INVALID LOCK OPTION. REENTER

DBTEST67

```
    MSG   $01 INVALID NUMBER. REENTER
DBTEST68
    MSG   $01 INVALID DB OPCODE. REENTER
DBTEST69
    MSG   $01 INVALID OPEN TYPE. REENTER
DBTEST70
    MSG    INVALID READ DIRECTION. REENTER
DBTEST71
    MSG   $01 INVALID OPTION. REENTER
DBTEST72
    MSG   $01 INVALID OUTPUT LIST NAME. REENTER
DBTEST73
    MSG   REPLICATOR VALUE IN $01 INVALID. REENTER
DBTEST74
    MSG   $01 INVALID SCFN. REENTER
DBTEST75
    MSG   STRING OR CYCLE IN $01 INVALID. REENTER
DBTEST76
    MSG       KEYS
DBTEST77
    MSG   LIST$01    $02.
DBTEST78
    MSG   ENTER LIST OPERATOR
DBTEST79
    MSG   NO KEYS IN LIST.
DBTEST80
    MSG   $01.
```

DBTEST81

  MSG  ENTER OUTPUT LIST NAME

DBUPDTO1

  MSG  CANCELLED: ERROR $01 ON $02.

  EXP  DBPAC ERROR $01 OCCURRED ON FIELD $02. UPDATING
        OF THE STATISTICS FILE IS TERMINATED.

DBWRIT05

  MSG  PROCESSING NASIS-ID $01, KEY $02 OF $03.

  EXP  THE    NASIS    OFF-LINE   PRINT   GENERATOR   WAS
        INTERRUPTED   WHILE  PERFORMING  THE   INDICATED
        TASK.

DBXPND01

  MSG  CANCELLED: NOT IN RETRIEVAL SYSTEM.

DBXPND02

  MSG  CANCELLED: NO TERM TO EXPAND.

DBXPND03

  MSG  CANCELLED: THESAURUS IS NOT YET SUPPORTED.

DBXPND04

  MSG  ENTER TERM TO BE EXPANDED

DBXPND05

  MSG  ENTER INDEXED FIELD NAME

DBXPND06

  MSG  CANCELLED: FIELD NAME $01 IS INVALID.

DBXPND07

  MSG  CANCELLED: ERROR $01 ON FILE $02 FIELD $03.

DBXPND08

  MSG  CANCELLED: NO MORE PAGES $01.

DBXPND09

MSG   PAGING DIRECTION $01 INVALID, FORWARD ASSUMED.

DBXPND10

MSG   CANCELLED: FIELD $01 IN NOT INDEXED YET.

DBXPND11

MSG   CANCELLED: TERM $01 CANNOT BE EXPANDED.

LATLON01

MSG   $01.

TSTEST01

MSG   WARNING: CONDITION $01 RAISED IN TSTEST.

TS000

MSG   $1

TS001

MSG   INVALID RESPONSE.

TS002

MSG   CANCELLED: $1.

TS003

MSG   ATTENTION   IGNORED:   ATTENTION   PROCESSING
      TERMPORARILY DISABLED.

EXP   THE   NASIS   SYSTEM   WAS   UNABLE   TO   PERFORM
      ASYNCHRONOUS   PROCESSING   WHEN   REQUENTED.   TRY
      AGAIN LATER.

TS992

MSG   INPUT DATA TOO LONG, REENTER

EXP   YOUR   INPUT   DATA   EXCEEDED   THE   256   CHARACTER
      LIMIT.

RSP   RESPOND TO THE ORIGINAL PROMPT.

TS993

MSG   COMMAND   PROMPT   SYNTAX   ERROR.   INPUT   STRING
      REJECTED.

EXP INFORMATICN ENTEREC AT THE TERMINAL WAS INCCMPATIBLE WITH NASIS SYNTAX REQUIREMENTS. CONSULT YCUR USER'S GUIDE FOR A COMPLETE DISCUSSION OF THESE RULES.

TS994

MSG PROMPT SYNTAX ERRCR KEYWORD=$01.

EXP SYNTAX ERRCR IN INPUT STRING DETECTED BY TERMINAL SUPPORT.

RSP NO RESPCNSE REQUIRED.

TS995

MSG MESSAGE $01 UNKNOWN.

EXP A NASIS PRCGRAM ATTEMPTED TO ISSUE A MESSAGE HAVING THE INDICATED MESSAGE-ID. THIS MESSAGE IS NOT PART OF THE MESSAGE LIBRARY.

TS996

MSG MORE

EXP THE PREVIOUS CATA DISPLAY DOES NOT CONTAIN ALL THE INFORMATION AVAILABLE. ENTER THE 'PAGE' COMMAND TO CONTINUE THE DISPLAY OR ANY VALID NASIS COMMAND TO CONTINUE PROCESSING.

TS997

MSG ENTER

TS998

MSG CCNTINUE

EXP RESUME KEYING OF YOUR RESPONSE TO THE PREVIOUS COMMAND OR DATA PROMPT.

TS999

MSG ATTN

EXP YOU HAVE REQUESTED ASYNCHRONOUS PROCESSING BY DEPRESSING THE 'ATTENTION' KEY. ENTER ANY NASIS IMMECIATE COMMAND.

RSP CONSULT YCUR USER'S GUIDE FOR A LIST OF NASIS IMMECIATE COMMANDS AND THEIR FUNCTIONS.